

Product Datasheet

Recombinant Mouse TRANCE/TNFSF11/RANK L Animal-Free Protein NBP2-76186-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-76186-100ug

Recombinant Mouse TRANCE/TNFSF11/RANK L Animal-Free Protein

Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Sterile water at 0.1 mg/mL
Purity	>95%, by SDS-PAGE
Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate and 20 mM sodium chloride, pH 7.5
Target Molecular Weight	19.5 kDa
Product Description	
Description	<p>An un-tagged bioactive recombinant protein corresponding to Mouse TRANCE/TNFSF11/RANK L</p> <p>Source: <i>E. coli</i></p> <p>Amino Acid Sequence: MPAMMEGSWLD VAQRGKPEAQ PFAHLTINAA SIPSGSHKVT LSSWYHDRGW AKISNMTLSN GKLRVNQDGF YYLYANICFR HHETSGSVPT DYQLQMVYVV KTSIKIPSSH NLMKGGSTKN WSGNSEFHFY SINVGGF FKL RAGEEISIQV SNPSLLDPDQ DATYFGAFKV QDID</p> <p>Produced with no materials of animal or human origin using ANIMAL-FREE purification processes.</p> <p>Production and Purification</p> <ul style="list-style-type: none"> • No animal-derived ingredients, No FBS • <i>E. coli</i> based production system • Animal-Free facility, fermentor, columns, filters, labware, lyophilization, and storage <p>Quality Assurance</p> <ul style="list-style-type: none"> • Endotoxin levels at <1 EUs/ug • Purity levels at 95% or greater
Gene ID	8600
Gene Symbol	TNFSF11
Species	Mouse
Specificity/Sensitivity	TRANCE/TNFSF11/RANK L is a monomer, 19.5 kDa (175 aa)
Preparation Method	Protein is derived from genetically modified <i>E. coli</i> .
Details of Functionality	Activity of RAW-Blue™ cells, >2 x 10 ⁴ units/mg (ED50 acceptance criteria are <50 ng/mL).



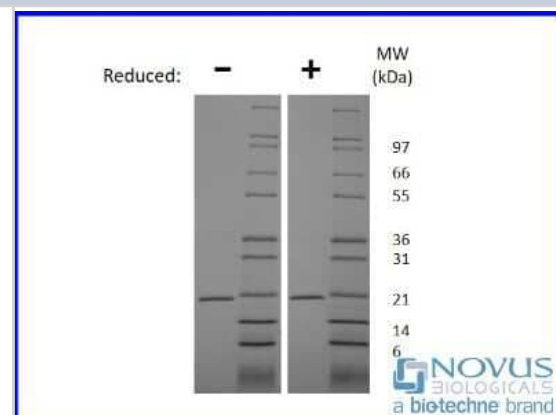
Notes	<p>Lot Specific Information: Given endotoxin and ED50 values are acceptance criteria standards. For lot specific values, please contact technical support.</p> <p>Detailed Reconstitution: Centrifuge vial before opening. Suspend the product by gently pipetting the recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots.</p> <p>Expiration Date: 12 months from date of receipt when stored at -20C to -80C as supplied. 1 month when stored at 4C after reconstituting as directed. 3 months when stored at -20C to -80C after reconstituting as directed.</p>
Endotoxin Note	Acceptance criteria for endotoxin levels are <1 EUs/ug protein (determined by Kinetic LAL Method).

Product Application Details

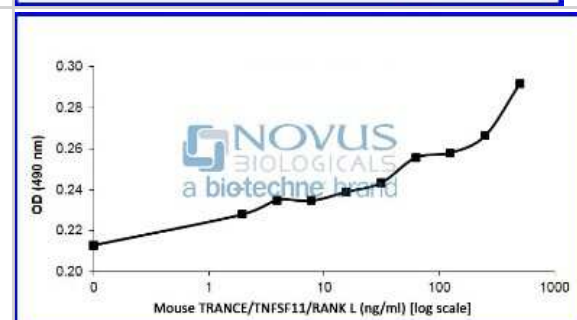
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Recombinant Mouse TRANCE/TNFSF11/RANK L Animal-Free Protein [NBP2-76186] - 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel.



Bioactivity: Recombinant Mouse TRANCE/TNFSF11/RANK L Animal-Free Protein [NBP2-76186] - TRANCE/TNFSF11/RANK L Induced Production of TNF alpha from RAW cells.





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Products Related to NBP2-76186-100ug

NB100-56392PEP	TRANCE/TNFSF11/RANK L Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
462-TR-010/CF	TRANCE/TNFSF11/RANK L
D6050	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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