

Product Datasheet

Recombinant Human NRAMP2/SLC11A2/DMT1 GST (N-Term) Protein H00004891-Q01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00004891-Q01-10ug

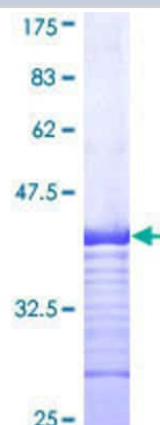
Recombinant Human NRAMP2/SLC11A2/DMT1 GST (N-Term) Protein

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	32.89 kDa
Product Description	
Description	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 1-65 of Human NRAMP2/SLC11A2/DMT1</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MVLGPEQKMSDDSVSGDHGESASLGNINPAYSNPSSLQSPGDSEEFYFATYFN EKISIPEEEEYSCF</p>
Gene ID	4891
Gene Symbol	SLC11A2
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification



Images

SDS-Page: Recombinant Human NRAMP2/SLC11A2/DMT1 Protein [H00004891-Q01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Hansen SL, Trakooljul N, Liu H-C et al. Iron Transporters Are Differentially Regulated by Dietary Iron, Modifications Are Associated with Changes in Manganese Metabolism in Young Pigs. J Nutr;139(8):1474-1479. 2009-01-01 [PMID: 19535423]



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Products Related to H00004891-Q01-10ug

NBP1-91841PEP	NRAMP2/SLC11A2/DMT1 Recombinant Protein Antigen
NBP1-21502	Ferroportin/SLC40A1 Antibody - BSA Free
H00004891-M01	NRAMP2/SLC11A2/DMT1 Antibody (4C6)
MEP00B	Erythropoietin/EPO [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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