

Product Datasheet

Recombinant Human GSK-3 beta Protein NBP1-99927

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-99927

Updated 11/20/2017 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-99927



NBP1-99927

Recombinant Human GSK-3 beta Protein

Product Information	
Unit Size	0.1 mg
Concentration	Lyoph
Storage	Store at -80C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with PBS containing 15% glycerol to a final concentration of 1.0 mg/ml. The solution should be stored at -70C, stable for up to 3 months.
Purity	>90% SDS-PAGE
Buffer	From 2 in 0.1 M NH ₄ CO ₃ .
Target Molecular Weight	54.6 kDa
Product Description	
Description	A recombinant protein corresponding to Human GSK-3 beta
Gene ID	2932
Gene Symbol	GSK3B
Species	Human
Preparation Method	>90% SDS-PAGE
Details of Functionality	Specifications/Test method: Activity of GSK-3B was determined by an in vitro kinase assay using 100 ng Tau as substrate and 1 ug of the recombinant GSK-3B in a 20 ul reaction containing 25 mM Tris-HCl, pH 7.5, 5 mM B-glycerol phosphate, 12 mM MgCl ₂ , 2 mM DTT, 0.1 M Na ₃ VO ₄ , and 200 uM ATP. After 30 minutes incubation at 30C, phosphorylation of Tau by the recombinant GSK-3B was determined by Western blot using a phospho-Tau antibody.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Novus Biologicals Canada

461 North Service Road West, Unit B37
Oakville, ON L6M 2V5
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada@novusbio.com

Novus Biologicals Europe

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-99927

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

