

Product Datasheet

Recombinant Human IP3R1 GST (N-Term) Protein H00003708-Q01-10ug

Unit Size: 10 ug

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

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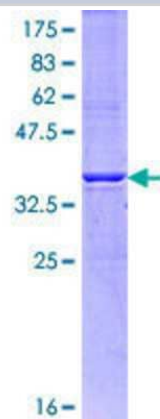


H00003708-Q01-10ug**Recombinant Human IP3R1 GST (N-Term) Protein**

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	37.62 kDa
Product Description	
Description	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 2470-2577 of Human IP3R1</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: EHTCETLLMCIVTVLSHGLRSGGGVGDVLRKPSKEEPLFAARVIYDLLFFFMVIII VLNLIFGVIIDTFADLRSEKQKKEEILKTTCFICGLERDKFDNKTVTFEEDI</p>
Gene ID	3708
Gene Symbol	ITPR1
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 IP3R1 Protein [H00003708-Q01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Olson ML, Sandison ME, Chalmers S, McCarron JG. Microdomains of muscarinic acetylcholine and Ins(1,4,5)P(3) receptors create 'Ins(1,4,5)P(3) junctions' and sites of Ca(2)+ wave initiation in smooth muscle. J Cell Sci. 2012-11-15 [PMID: 22946060] (Bovine)

Jarius S, Wandinger KP, Horn S et al. A new Purkinje cell antibody (anti-Ca) associated with subacute cerebellar ataxia: immunological characterization. J Neuroinflammation 7:21. 2010-03-12 [PMID: 20226058]



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Products Related to H00003708-Q01-10ug

NBP1-83104PEP	IP3R1 Recombinant Protein Antigen
AF835	Caspase-3 Antibody [Unconjugated] - Active
NBP1-21398	IP3R1 Antibody
NB100-2466	ITPR2 Antibody

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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