PTPRJ (CD148) Recombinant Protein | PTPRJ recombinant protein

PTPRJ (CD148), Active

CATALOG #	HOST	APPLICATIONS
AAA73853	**Sf9 insect cells**	**Western Blot**

PRODUCT SYNONYMS

PTPRJ (CD148); Active; CD148; DEP1; HPTPeta; R-PTP-ETA; SCC1; PTPRJ recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 20mM MOPS, pH7.5, 300mM NaCl, 10mM glutathione, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for PTPRJ recombinant protein	WB (Western Blot), Phosphatase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES

SDS-PAGE
Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.

Activity
Specific Activity: Sample Enzyme Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for PTPRJ recombinant protein	Recombinant full length human PTPRJ was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_002843. Receptor-type tyrosine-protein phosphatase eta or protein-tyrosine phosphatase receptor type J (R-PTP-J or CD148) are membrane protein tyrosine phosphatase initially identified on the membrane of HeLa and F-36P human leukemic cells. It contains an extracellular portion compromised of eight fibronectin III domains, a transmembrane segment and an intracytoplasmic tail which contains a single PTP domain. The presence of fibronectin III motifs in the extracellular domain suggest its possible involvement in cell adhesion processes.
Product Categories/Family for PTPRJ recombinant protein	Phosphatases; Cancer; Inflammation; Phosphatases
References	1. Ostman, A., et al: Expression of DEP-1, a receptor-like protein-tyrosine-phosphatase, is enhanced with increasing cell density. Proc Natl Acad Sci USA, 91. 9680-9684, 1994. 2. Honda, H., et al: Molecular cloning, characterization and chromosomal localization of a novel protein-tyrosine phosphatase, HPTPn. Blood, 84. 4186-4194, 1994. 3. Gayà A, et al: CD148, a new membrane tyrosine phosphatase involved in leukocyte

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_002843
Molecular Weight	65kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/ptprj-cd148-recombinant-protein-sf9-insect-cells-wb-western-blot-phosphatase-assay/73853