

PTP sigma/PTPRS Recombinant Protein | Ptprs recombinant protein

Recombinant Human PTP sigma/PTPRS Protein (ECD, His Tag), HPLC-verified

CATALOG # AAA259307	HOST HEK293 Cells	REACTIVITY Human
-------------------------------	-----------------------------	----------------------------

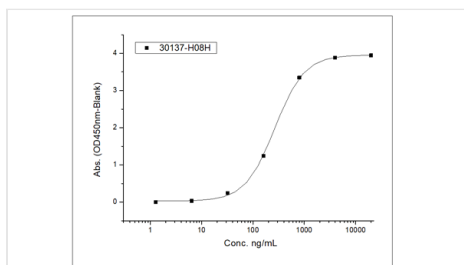
PRODUCT SYNONYMS

PTP sigma/PTPRS; Recombinant Human PTP sigma/PTPRS Protein (ECD; His Tag); HPLC-verified; Human Ptprs Protein (ECD; PTPRS Protein; Human; PTPSIGMA Protein; R-PTP-S Protein; R-PTP-sigma Protein; Ptprs recombinant protein

PRODUCT SPECIFICATIONS

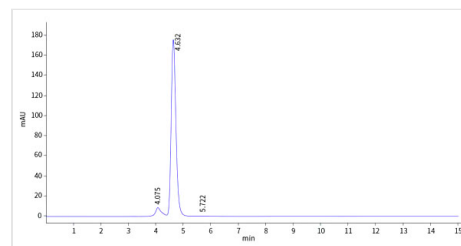
Host	HEK293 Cells
Reactivity	Human
Purity/Purification	>= 95% as determined by SDS-PAGE. >= 90% as determined by SEC-HPLC.
Form/Format	Lyophilized from sterile PBS, 0.02% Tween 80, 10% Trehalose, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence	Met1-Gly12 82
Tag	C-His
Predicted N Terminal	Glu 30
Endotoxin	< 1.0 EU perug of the protein as determined by the LAL method
Protein Construction	A DNA sequence encoding the Human Ptprs (Q13332)(Met1-Gly1282) was expressed with a polyhistidine tag at the C-terminus.
Activity	Immobilized Recombinant Human Ptprs Protein (ECD, His Tag) at 2ug/mL (100uL/well) can bind Recombinant Human TrkC/NTRK3 Protein (His & Fc Tag), the EC50 is 150-450ng/mL.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

IMAGES

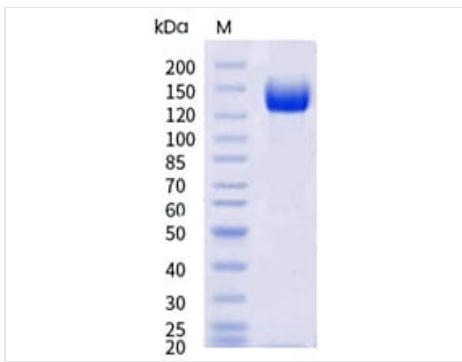


Application Data

Immobilized Recombinant Human Ptprs Protein (ECD, His Tag)(#AAA259307) at 2ug/mL (100uL/well) can bind Recombinant Human TrkC/NTRK3 Protein (His & Fc Tag), the EC50 is 150-450ng/mL.



Application Data



Application Data

NCBI AND UNIPROT INFORMATION

NCBI GI #	20809883
NCBI GeneID	5802
UniProt Accession #	Q13332; O75255; O75870; Q15718; Q16341; Q2M3R7
Molecular Weight	215,980 Da
NCBI Official Full Name	PTPRS protein
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type S
NCBI Official Symbol	PTPRS
NCBI Official Synonym Symbols	R-PTP-S; PTPSIGMA; R-PTP-sigma
NCBI Protein Information	receptor-type tyrosine-protein phosphatase S
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase S
UniProt Gene Name	PTPRS
UniProt Synonym Gene Names	R-PTP-S; R-PTP-sigma

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.