

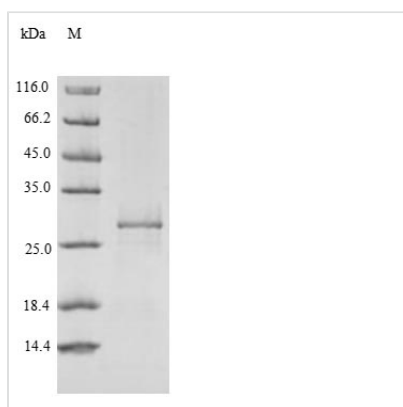


# Recombinant Receptor-type tyrosine-protein phosphatase zeta (PTPRZ1), partial

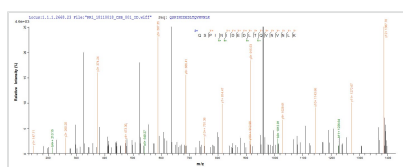
<b>Product Code</b>	CSB-YP019068HU
<b>Relevance</b>	Protein tyrosine phosphatase that negatively regulates oligodendrocyte precursor proliferation in the bryonic spinal cord. Required for normal differentiation of the precursor cells into mature, fully myelinating oligodendrocytes. May play a role in protecting oligodendrocytes against apoptosis. May play a role in the establishment of contextual memory, probably via the dephosphorylation of proteins that are part of important signaling cascades .
<b>Abbreviation</b>	Recombinant Human PTPRZ1 protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P23471
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Alias</b>	Protein-tyrosine phosphatase receptor type Z polypeptide 1;Protein-tyrosine phosphatase receptor type Z polypeptide 2R-PTP-zeta-2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	IGWSYTGALNQNKGKYPKQSPINIDEDLTQVNVNLLKLFQGWWDK TSLENTFIHNTGKTVEINLTNDYRVSGGVSEMFVFKASKITFHWGKCNMSSDGS EHSLEGQKFPLEMQIYCFDADRFSSEAVKGGKGLRALSILFEVGTENLDFK AIIDGVESVSRFGKQAALDPFILLNLLPNSTDKYYIYNGSLTSPPCDTVDWIVF KDTVSISESQLAVFCEVLTMQQSGYVMLMDYLNQNNFREQQYKFSRQVFSSY
<b>Research Area</b>	Neuroscience
<b>Source</b>	Yeast
<b>Target Names</b>	PTPRZ1
<b>Protein Names</b>	Protein-tyrosine phosphatase receptor type Z polypeptide 1;Protein-tyrosine phosphatase receptor type Z polypeptide 2R-PTP-zeta-2
<b>Expression Region</b>	36-300aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	32.1 kDa
<b>Protein Length</b>	Partial



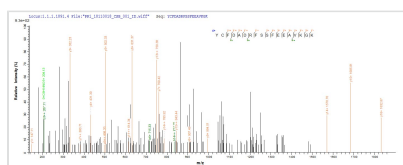
## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP019068HU could indicate that this peptide derived from Yeast-expressed Homo sapiens (Human) PTPRZ1.



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## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

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