

PTPRS Protein, Human, Recombinant (His)

General Information

| | |
|-----------------------|---|
| Synonyms: | R-PTP-sigma;PTPRS;R-PTP-S;PTPSIGMA |
| Protein Construction: | A DNA sequence encoding the Human Ptprs (Q13332) (Met1-Gly1282) was expressed with a polyhistidine tag at the C-terminus. |
| Species: | Human |
| Expression Host: | HEK293 Cells |
| Accession: | Q13332 |
| Molecular Weight: | 139.2 kDa (predicted); 132.8 kDa (reducing condition, due to glycosylation) |

QC Testing

| | |
|----------------------|--|
| Biological Activity: | Immobilized Recombinant Human Ptprs Protein (ECD, His Tag) (Cat#TMPY-07176) at 2 µg/mL (100 µL/well) can bind TrkC Protein, Human, Recombinant (His & hFc) (Cat#TMPY-00944), the EC50 is 150-450 ng/mL. |
| Purity: | ≥ 95% as determined by SDS-PAGE. ≥ 90% as determined by SEC-HPLC. |
| Endotoxin: | < 1.0 EU/µg of the protein as determined by the LAL method. |
| Formulation: | Lyophilized from sterile PBS, 0.02% Tween 80, 10% Trehalose, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hardcopy of datasheet or the lot-specific COA. |

Preparation and Storage

Reconstitution:

Please refer to the lot-specific COA.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481