Recombinant PHAR2 protein (His tag)

Catalog Number	541855
Species	Human
Expression System	E. coli
Accession	O75167
Molecular Weight	Predictes a molecular mass of 21.79 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 25 kDa band.

Product Information

Sequence Region	467-634
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 467-634 aa (O75167) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	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.

Description

Description	Recombinant Phosphatase and actin regulator 2 (PHACTR2) fragment (residues 467-634) from Homo sapiens, designed as a stable and soluble unit for structural and biochemical studies. This 168-amino acid fragment enables researchers to investigate key aspects of PHACTR2's function in a manageable format. Phosphatase and actin regulator 2 (PHACTR2) is a human protein with isoforms that localize to membranes through lipid-anchoring mechanisms. While specific functional details are not provided, membrane-associated proteins like PHACTR2 typically play roles in cellular signaling, structural organization, and regulatory processes. The selected fragment (467-634) represents a computationally predicted stable region, facilitating experimental approaches to understand PHACTR2's biological significance.