Human GPR177 Recombinant protein (His tag)

Catalog Number	508360
Synonyms	Integral membrane protein GPR177; Protein evenness interrupted homolog; EVI; Putative NF-kappa-B-activating protein 373
Species	Human
Expression System	E. coli
Accession	Q5T9L3
Gene ID	79971

Product Information

Sequence Region	36-237
Form	Lyophilized powder
Formulation	Protein lyophilized in sterile PBS (58 mM Na2HPO4, 17 mM NaH2PO4, 68 mM NaCl, 300 mM Imidazole, pH 8.0). Trehalose (5-8%) and mannitol (5-8%) protectants were added before lyophilization.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Protein Construction	A DNA sequence encoding the human WLS (NP_001002292.3) 36-237 aa was fused with the polyhistidine tag

Storage & Handling

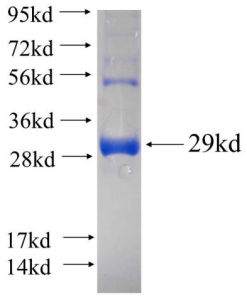
Reconstitution	Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume 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	The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

Description

Description	Regulates Wnt proteins sorting and secretion in a feedback regulatory mechanism. This reciprocal interaction plays a key role in the regulation of expression, subcellular location, binding and organelle-specific association of Wnt proteins. Plays also an important role in establishment of the anterior-posterior body axis formation during development (By similarity). {, PubMed:16678095, PubMed:16678096}.

Validation

SDS-PAGE



Recombinant human GPR177 SDS-PAGE