

Recombinant Human GLIPR1 Protein (His Tag)

Catalog Number: PKSH033396

Note: Centrifuge before opening to ensure complete recovery of vial contents.

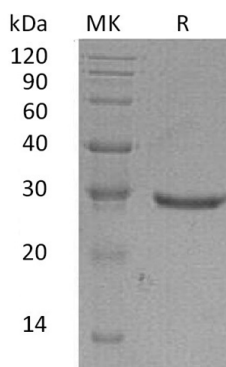
Description

Species	Human
Source	HEK293 Cells-derived Human GLIPR1 protein Asn22-Arg232, with an C-terminal His
Calculated MW	25.2 kDa
Observed MW	25-30 kDa
Accession	P48060
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. 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 printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Glioma Pathogenesis-Related Protein 1 (GLIPR1) is a member of the CRISP family. It is a single-pass membrane protein with 266 amino acids. GLIPR1 is highly expressed in the lung and kidney and lowly expressed in the heart and liver. It is also highly expressed in cell lines that are derived from nervous system tumors arising from glia; conversely, it is lowly expressed in non-glial-derived nervous system tumor cell lines. GLIPR1 is only expressed in brain tumor glioblastoma multiforme/astrocytoma and not expressed in other nervous system tumors nor normal adult or fetal tissues.

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