

Recombinant Human VSIG8 Protein (His Tag)

Catalog No. PKSH033220

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

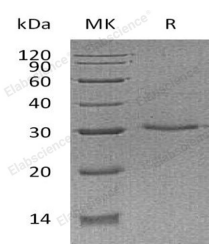
Description

Synonyms	V-set and immunoglobulin domain-containing protein 8;VSIG8;C1orf204
Species	Human
Expression Host	HEK293 Cells
Sequence	Val22-Gly263
Accession	P0DPA2
Calculated Molecular Weight	27.9 kDa
Observed molecular weight	28-35 kDa
Tag	C-His
Bioactivity	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 NaAC-HAc, 5%Trehalose, pH 4.5. 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

V-set and immunoglobulin domain-containing protein 8(VSIG8) is a single-pass type I membrane protein. The human

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VSIG8 cDNA encodes 414 amino acids (aa) including a 21 aa signal sequence; a 242 aa extracellular domain (ECD) containing 2 Ig-like V-type (immunoglobulin-like) domains; a 21 aa transmembrane domain and a 130 aa cytoplasmic domain. The function of VSIG8 is not clear.