

## Recombinant Human VSIG4 protein(Met1-Pro283), His-tagged

Cat. No. VSIG4-3955H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VSIG4 (Q9Y279-1) (Met 1-Pro 283) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-283 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human VSIG4 consists of 275 amino acids and has a predicted molecular mass of 30.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhVSIG4 is approximately 45 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 96 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	VSIG4 V-set and immunoglobulin domain containing 4 [ Homo sapiens ]
<b>Official Symbol</b>	VSIG4
<b>Synonyms</b>	VSIG4; V-set and immunoglobulin domain containing 4; V-set and immunoglobulin domain-containing protein 4; Z39IG; protein Z39Ig; Ig superfamily protein; complement receptor of the immunoglobulin superfamily; CR1g;
<b>Gene ID</b>	11326
<b>mRNA Refseq</b>	NM_001100431
<b>Protein Refseq</b>	NP_001093901
<b>MIM</b>	300353
<b>UniProt ID</b>	Q9Y279

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