

Recombinant Human IGSF11 protein, His-tagged

Cat. No. IGSF11-1601H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGSF11 protein(Q5DX21-1)(Leu23-Gly241), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	C-His
ProteinLength	Leu23-Gly241
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Human B7-H5, hFc Tag captured on CM5 Chip via Protein A can bind Human VSIG3, His Tag with an affinity constant of 14.44 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 24.31 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.

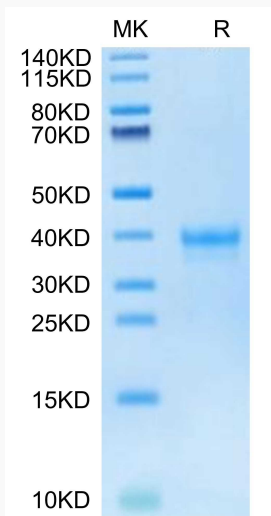
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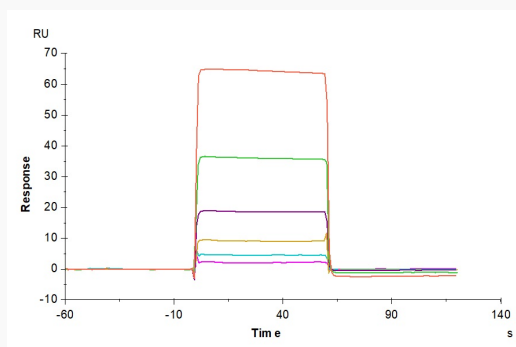
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	IGSF11 immunoglobulin superfamily, member 11 [Homo sapiens]
Official Symbol	IGSF11
Synonyms	IGSF11; immunoglobulin superfamily, member 11; immunoglobulin superfamily member 11; BT IgSF; cancer/testis antigen 119; CT119; Igsf13; MGC35227; VSIG3; CXADR like 1; V-set and immunoglobulin domain containing 3; V-set and immunoglobulin domain-containing protein 3; brain and testis-specific immunoglobulin superfamily protein; brain and testis-specific immunoglobulin superfamily protein; BT-IgSF; CXADRL1;
Gene ID	152404
mRNA Refseq	NM_001015887
Protein Refseq	NP_001015887
MIM	608351
UniProt ID	Q5DX21

Tris-Bis PAGE



SPR



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