

Active Recombinant Human IGSF11 protein, His-tagged, Low Endotoxin

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

SPECIFICATION

Product Overview	Recombinant Human IGSF11 protein(Q5DX21-1)(23-241 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-241 aa
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 Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution 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

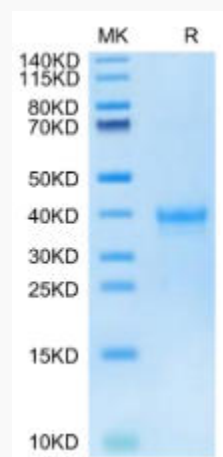
UniProt ID Q5DX21

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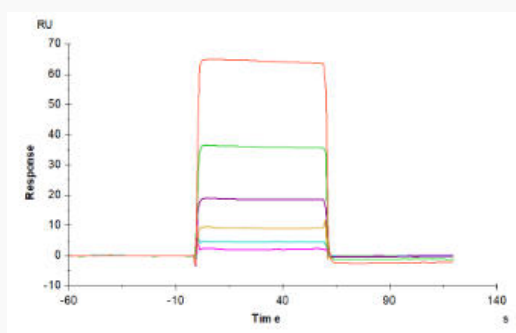
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Bis-Tris PAGE



SPR Data



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