

Active Recombinant Mouse IGSF11 Protein

Cat. No. IGSF11-8086M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse IGSF11 (Leu23-Gly245) protein fused with mouse IgG2a at C-terminal was expressed in mouse myeloma cell line.
Species	Mouse
Source	Mammalian Cells
ProteinLength	23-245 a.a.
Description	IGSF11 functions as a cell adhesion molecule through homophilic interaction. IGSF11 stimulates cell growth. IGSF11 is an immunoglobulin (Ig) superfamily member that is preferentially expressed in brain and testis. It shares significant homology with coxsackievirus and adenovirus receptor and endothelial cell-selective adhesion molecule (ESAM).
Bio-activity	Measured by its ability to inhibit anti-CD3 antibody induced IL-17 secretion by human peripheral blood mononuclear cells (PBMC). The ED50 for this effect is 1-5 µg/mL
Molecular Mass	Predicted Molecular Mass: 51 kDa SDS-PAGE: 60-68 kDa, reducing conditions
N-terminal Sequence Analysis	Leu23
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution in PBS.
Reconstitution	Reconstitute at 200 µg/mL in PBS.
GENE INFORMATION	
Gene Name	Igsf11 immunoglobulin superfamily, member 11 [Mus musculus (house mouse)]
Official Symbol	Igsf11
Synonyms	Brain and testis-specific immunoglobulin superfamily protein; BTIGSF; BT-IgSF; cancer/testis antigen 119; CT119; CXADR like 1; CXADRL1; IGSF11; Igsf13; immunoglobulin superfamily member 11; immunoglobulin superfamily, member 11; MGC35227; V-set and immunoglobulin domain containing 3; V-set and immunoglobulin domain-containing protein 3; VSIG3; VSIG3brain and testis-specific immunoglobulin superfamily protein
Gene ID	207683
mRNA Refseq	NM_170599
Protein Refseq	NP_733548

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UniProt ID

P0C673

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