

## Active Recombinant Mouse IGSF11 Protein

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse IGSF11 (Leu23-Gly245) protein fused with mouse IgG2a at C-terminal was expressed in mouse myeloma cell line.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	23-245 a.a.
<b>Description</b>	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).
<b>Bio-activity</b>	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
<b>Molecular Mass</b>	Predicted Molecular Mass: 51 kDa SDS-PAGE: 60-68 kDa, reducing conditions
<b>N-terminal Sequence Analysis</b>	Leu23
<b>Endotoxin</b>	<0.10 EU per 1 µg of the protein by the LAL method.

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<b>Purity</b>	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Reconstitution</b>	Reconstitute at 200 µg/mL in PBS.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Igsf11 immunoglobulin superfamily, member 11 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Igsf11</a>
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">207683</a>
<b>mRNA Refseq</b>	<a href="#">NM_170599</a>
<b>Protein Refseq</b>	<a href="#">NP_733548</a>

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