

Recombinant Mouse Fstl1, Fc-tagged

Cat. No. Fstl1-503M Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse FSTL1 (NP_032073.2) (Met1-Ile306) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	Human Cells
ProteinLength	Met1-Ile306
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant mouse FSTL1 comprises 529 amino acids and has a predicted molecular mass of 59.5 kDa. The apparent molecular mass of the protein is approximately 69 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	Fstl1 follistatin-like 1 [Mus musculus]
Official Symbol	Fstl1
Synonyms	FSTL1; follistatin-like 1; follistatin-related protein 1; follistatin-like protein 1; TGF-beta-inducible protein TSC-36; Fstl; TSC-36; AI316791; AW107808;
Gene ID	14314
mRNA Refseq	NM_008047
Protein Refseq	NP_032073
Pathway	Signal Transduction, organism-specific biosystem; Signaling by BMP, organism-specific biosystem;
Function	calcium ion binding; heparin binding; protein binding;

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