

Recombinant Mouse Fstl1, His-tagged

Cat. No. Fstl1-504M **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | A DNA sequence encoding the mouse FSTL1 (NP_032073.2) (Met1-Ile306) was expressed with a C-terminal polyhistidine tag. |
| Species | Mouse |
| Source | Human Cells |
| ProteinLength | Met1-Ile306 |
| Form | Lyophilized from sterile PBS, pH7.4. |
| Molecular Mass | The recombinant mouse FSTL1 comprises 299 amino acids and has a predicted molecular mass of 33.9 kDa. The apparent molecular mass of the protein is approximately 44.9 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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 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

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|------------------------|--|
| 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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