

Active Recombinant Mouse Wisp1 Protein, His-tagged

Cat. No. Wisp1-980M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Wisp1 (Accession # O54775) Thr23-Asn367, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Thr23-Asn367
Predicted N Terminal	Thr23
Form	Lyophilized from a 0.2 µm filtered solution in Tris and NaCl.
Bio-activity	Measured in a cell proliferation assay using NRK-49F rat fibroblasts. Xu, L. et al. (2000) Gene and Dev. 14:585. The ED50 for this effect is typically 5 - 20 µg/mL.
Molecular Mass	Recombinant Mouse Wisp1, His-tagged has a calculated MW of 39.6 kDa. In SDS-PAGE migrates as 65 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	Wisp1 WNT1 inducible signaling pathway protein 1 [Mus musculus]
Official Symbol	Wisp1
Synonyms	WISP1; WNT1 inducible signaling pathway protein 1; WNT1-inducible-signaling pathway protein 1; ELM-1; WISP-1; CCN family member 4; CCN4; Elm1; AW146261;
Gene ID	22402
mRNA Refseq	NM_018865
Protein Refseq	NP_061353
MIM	

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