

Active Recombinant Human FSTL4 Protein, His-tagged

Cat. No. FSTL4-688H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FSTL4 (Accession # NP_055897) Trp23-Val842, fused with an N-terminal 7-His tag and Asn, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Trp23-Val842
Predicted N Terminal	His
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit BMP-6-induced alkaline phosphatase production by MC3T3-E1 mouse preosteoblast cells. The ED50 for this effect is typically 2 - 10 µg/mL in the presence of 0.1 µg/mL of recombinant human BMP-6.
Molecular Mass	Recombinant Human FSTL4, His-tagged has a calculated MW of 93.6 kDa. In SDS-PAGE migrates as 100 kDa, reducing conditions.
Purity	>95%, 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

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months (-70°C).

GENE INFORMATION

Gene Name	FSTL4 follistatin-like 4 [Homo sapiens]
Official Symbol	FSTL4
Synonyms	FSTL4; follistatin-like 4; follistatin-related protein 4; KIAA1061; follistatin-like protein 4;
Gene ID	23105
mRNA Refseq	NM_015082
Protein Refseq	NP_055897
MIM	
UniProt ID	Q6MZW2
Chromosome Location	5q31.1

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