

Active Recombinant Human FCN1 Protein, His-tagged

Cat. No. FCN1-894H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCN1 (Accession # O00602) Gln28-Ala326, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Gln28-Ala326
Predicted N Terminal	Ala30
Form	Lyophilized from a 0.2 µ filtered solution in PBS and NaCl.
Bio-activity	Measured by its ability to bind immobilized Fetuin in a functional ELISA. Liu, Y. et al. (2005) J. Immunol. 175:3150. The ED50 for this effect is typically 20 - 50 ng/mL in the presence of 0.4 ng/mL of rhTGF-beta 2.
Molecular Mass	Recombinant Human FCN1, His-tagged has a calculated MW of 33.4 kDa. In SDS-PAGE migrates as 35-36 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 months (-70°C).

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GENE INFORMATION

Gene Name	FCN1 ficolin (collagen/fibrinogen domain containing) 1 [Homo sapiens]
Official Symbol	FCN1
Synonyms	FCN1; ficolin (collagen/fibrinogen domain containing) 1; ficolin-1; FCNM; M-ficolin; ficolin-A; ficolin-alpha; collagen/fibrinogen domain-containing protein 1; ficolin (collagen/fibrinogen domain-containing) 1;
Gene ID	2219
mRNA Refseq	NM_002003
Protein Refseq	NP_001994
MIM	601252
UniProt ID	O00602
Chromosome Location	9q34

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