Recombinant Human FCN2 Protein, His-tagged

Cat. No. FCN2-1475H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCN2 Protein (Thr47-Asn300) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr47-Asn300
Description	The product of this gene belongs to the ficolin family of proteins. This family is characterized by the presence of a leader peptide, a short N-terminal segment, followed by a collagen-like region, and a C-terminal fibrinogen-like domain. This gene is predominantly expressed in the liver, and has been shown to have carbohydrate binding and opsonic activities. Alternatively spliced transcript variants encoding different isoforms have been identified.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.4 kDa Accurate Molecular Mass: 33 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	FCN2 ficolin (collagen/fibrinogen domain containing lectin) 2 (hucolin) [Homo sapiens (human)]
Official Symbol	FCN2
Synonyms	FCN2; ficolin (collagen/fibrinogen domain containing lectin) 2 (hucolin); ficolin-2; collagen/fibrinogen domain containing protein 2; EBP 37; FCNL; ficolin B; ficolin 2; hucolin; L ficolin; P35; serum lectin p35; L-ficolin; ficolin-B; ficolin-beta; 37 kDa elastin-binding protein; collagen/fibrinogen domain-containing protein 2; EBP-37;
Gene ID	2220
mRNA Refseq	NM_004108
Protein Refseq	NP_004099

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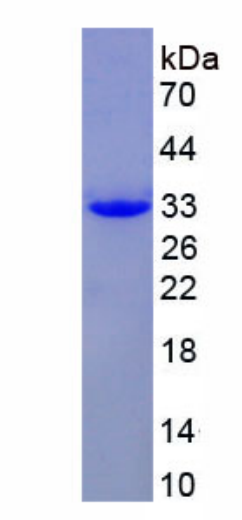
MIM	601624
UniProt ID	Q15485



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