Recombinant Human FCN2 Protein (26-313 aa), His-tagged

Cat. No. FCN2-2138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCN2 Protein (26-313 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	26-313 aa
Description	May function in innate immunity through activation of the lectin complement pathway. Calcium-dependent and GlcNAc-binding lectin. Enhances phagocytosis of S.typhimurium by neutrophils, suggesting an opsonic effect via the collagen region.
Form	Tris-based buffer,50% glycerol
Molecular Mass	33.4 kDa
AA Sequence	LQAADTCPEVKMVGLEGSDKLTILRGCPGLPGAPGPKGEAGTNGKRGERGPPGPP GKAGPPGPNGAPGEPQPCLTGPRTCKDLLDRGHFLSGWHTIYLPDCRPLTVLCDM DTDGGGWTVFQRRVDGSVDFYRDWATYKQGFGSRLGEFWLGNDNIHALTAQGTS ELRVDLVDFEDNYQFAKYRSFKVADEAEKYNLVLGAFVEGSAGDSLTFHNNQSFST KDQDNDLNTGNCAVMFQGAWWYKNCHVSNLNGRYLRGTHGSFANGINWKSGKG YNYSYKVSEMKVRPA

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

Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	FCN2 ficolin (collagen/fibrinogen domain containing lectin) 2 (hucolin) [Homo sapiens]
Official Symbol	FCN2
Synonyms	FCN2; ficolin-2; EBP 37; FCNL; ficolin B; ficolin 2; hucolin; L ficolin; P35; serum lectin p35; L-ficolin; ficolin-B; ficolin-beta; EBP-37;
Gene ID	2220
mRNA Refseq	NM_004108
Protein Refseq	NP_004099
MIM	601624
UniProt ID	Q15485

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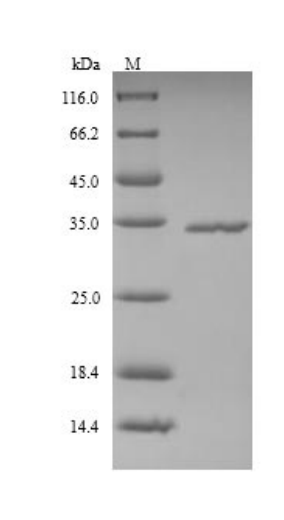

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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