

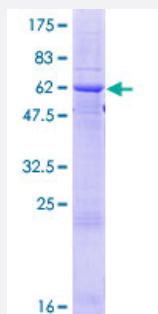
Full-Length

FCN2 (Human) Recombinant Protein (P01)

Catalog # H00002220-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FCN2 full-length ORF (NP_004099.2, 1 a.a. - 313 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MELDRAVGVLGAATLLLSFLGMAWALQAADTCPEVKMVGLEGSDKLTILRGCPGLPGAPGPKG
EAGTNGKRGERGPPGPPGKAGPPGPNAPGEPQPCLTGPRTCKDLLDRGHFLSGWHTYLPDC
RPLTVLCDMDTDGGGWTVFQRRVDGSVDFYRDWATYKQFGSRLGEFWLGNDNIHALTAQGTS
ELRVDLVDFEDNYQFAKYRSFKVADEAEKYNLVLGAFVEGSAGDSLTFHNNQSFSTKDQDNDLN
TGNCVVMFQGAWWYKNCHVSNLNGRYLRGTHGSFANGINWKS GKGYNYSYKVSEMKVRPA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.4

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FCN2

Entrez GeneID [2220](#)

GeneBank Accession# [BC069825.1](#)

Protein Accession# [NP_004099.2](#)

Gene Name FCN2

Gene Alias EBP-37, FCNL, P35, ficolin-2

Gene Description ficolin (collagen/fibrinogen domain containing lectin) 2 (hucolin)

Omim ID [601624](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations L-ficolin|OTTHUMP00000022518|collagen/fibrinogen domain-containing protein 2|ficolin 2|ficolin B|hucolin|serum lectin p35

Disease

- [Arthritis](#)
- [Bacterial Infections](#)

- [Behcet Syndrome](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Leprosy](#)
- [Pneumococcal Infections](#)
- [Postoperative Complications](#)
- [Recurrence](#)
- [Respiratory Tract Infections](#)
- [Rheumatic Fever](#)
- [Rheumatic Heart Disease](#)
- [Streptococcal Infections](#)