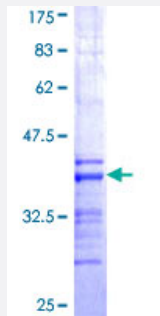


FCN1 (Human) Recombinant Protein (Q01)

Catalog # H00002219-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FCN1 partial ORF (NP_001994, 201 a.a. - 300 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SSELRVLDLVDFEGNHQFAKYKSFKVADEAEKYKLVLGAFVGGSSAGNSLTGHNNNFFSTKDQDN DVSSSNCAEKFQGAWWYADCHASNLNGLYLMGPHEsy
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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 — FCN1

Entrez GeneID [2219](#)

GeneBank Accession# [NM_002003](#)

Protein Accession# [NP_001994](#)

Gene Name FCN1

Gene Alias FCNM

Gene Description ficolin (collagen/fibrinogen domain containing) 1

Omim ID [601252](#)

Gene Ontology [Hyperlink](#)

Gene Summary The ficolin family of proteins are 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. The collagen-like and the fibrinogen-like domains are also found separately in other proteins such as complement protein C1q, C-type lectins known as collectins, and tenascins. However, all these proteins recognize different targets, and are functionally distinct. Ficolin 1 encoded by FCN1 is predominantly expressed in the peripheral blood leukocytes, and has been postulated to function as a plasma protein with elastin-binding activity. [provided by RefSeq]

Other Designations OTTHUMP00000022519|ficolin (collagen/fibrinogen domain-containing) 1|ficolin 1

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)