

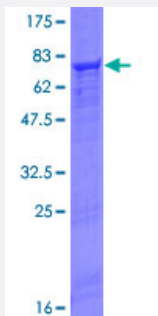
Full-Length

FGL2 (Human) Recombinant Protein (P01)

Catalog # H00010875-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FGL2 full-length ORF (NP_006673.1, 1 a.a. - 439 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKLANWYWLSSAVLATYGFLVVANNETEEIKDERAKDVCPVRLESRGKCEEAGECPYQVSLPPL
TIQLPKQFSRIEEVFKEVQNLKEMNSLKKSCQDCKLQADDNGDPGRNGLLLPSTGAPGEVGDNR
VRELESEVNKLSSSELKNAKEEINVLHGRLEKLNLVNMNNIENYVDSKVANLTFVVNSLDGKCSKC
PSQEQIQSRPVQHLYKDCSDYYAIGKRSSETYRVTPDPKNSSFEVYCDMETMGGGWTVLQARLD
GSTNFTRTWQDYKAGFGNLRREFWLGNDKIHLLTKSKEMILRIDLEDNGVELYALYDQFYVANEF
LKYRLHVGNYNGTAGDALRFNKHYNHDLKFFTTDPKDNDRYPSGNCGLYSSGWWFDACLSANL
NGKYYHQYRGVRNGIFWGTWPGVSEAHPPGGYKSSFKEAKMMIRPKHFKP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.6

Interspecies Antigen Sequence

Mouse (77); Rat (77)

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 — FGL2

Entrez GeneID	10875
GeneBank Accession#	NM_006682.2
Protein Accession#	NP_006673.1
Gene Name	FGL2
Gene Alias	T49, pT49
Gene Description	fibrinogen-like 2
Omim ID	605351
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a secreted protein that is similar to the beta- and gamma-chains of fibrinogen. The carboxyl-terminus of the encoded protein consists of the fibrinogen-related domains (FRED). The encoded protein forms a tetrameric complex which is stabilized by interchain disulfide bonds. This protein may play a role in physiologic functions at mucosal sites. [provided by RefSeq]
Other Designations	fibrinogen-like protein 2 fibroleukin

Publication Reference

- [Fc Receptor is Involved in Nk Cell Functional Anergy Induced by Miapaca2 Tumor Cell Line.](#)

Yekaterina O Ostapchuk, Yuliya V Perfilyeva, Aikyn Kali, Raikhan Tleulieva, Oxana Yu Yurikova, Gulshan E Stanbekova, Boris V Karalnik, Nikolai N Belyaev.

Immunological Investigations 2020 Aug; 1.

Application: Func, Human, K-562, MiaPaCa2-TT cells

Disease

- [Genetic Predisposition to Disease](#)
- [Periodontitis](#)
- [Severe Acute Respiratory Syndrome](#)