

Recombinant Human FGL2 protein, His-tagged

Cat. No. FGL2-12885H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGL2(Asn24~Pro439) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn24~Pro439
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	51.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP

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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.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	FGL2 fibrinogen-like 2 [Homo sapiens]
Official Symbol	FGL2
Synonyms	FGL2; fibrinogen-like 2; fibroleukin; pT49; T49; fibrinogen-like protein 2;
Gene ID	10875
mRNA Refseq	NM_006682
Protein Refseq	NP_006673
MIM	605351
UniProt ID	Q14314
Chromosome Location	7q11.23
Function	receptor binding;

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