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Datasheet for ABIN1609125

Fibrinogen beta Chain Protein (FGB) (AA 37-477) (His tag)

Overview

Quantity:	1 mg
Target:	Fibrinogen beta Chain (FGB)
Protein Characteristics:	AA 37-477
Origin:	Petromyzon marinus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Fibrinogen beta Chain protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	RPLP SGTRVRRPPL RHRRLAPGAV MSRDPPASPR PQEAQKAIRD EGGCMLPESD LGVLCPTGCE LREELLKQRD PVRYKISMLK QNLTYFINSF DRMASDSNTL KQNVQTLRRR LNSRSSTHVN AQKEIENRYK EVKIRIESTV AGSLRSMKSV LEHLRAKMQR MEEAIKTQKE LCSAPCTVNC RVPVVGSMHC EDIYRNGGRT SEAYYIQPDL FSEPYKVFCD MESHGGGWTV VQNRVDGSSN FARDWNTYKA EFGNIAFGNG KSICNIPGEY WLGTKTVHQL TKQHTQQVLF DMSDWEQSSV YAQYASFRPE NEAQGYRLWW EDYSGNAGNA LLEGATQLMG DNRTMTIHNG MQFSTFDRDN DNWNPGDPTK HCSREDAGGW WYNRCHAANP NGRYYWGGIY TKEQADYGTD DGVVWMNWKG SWYSMRQMAM KLRPKWP
Specificity:	Petromyzon marinus (Sea lamprey)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: Fibrinogen beta Chain (FGB)

Alternative Name: Fibrinogen beta chain ([FGB Products](#))

Background: Recommended name: Fibrinogen beta chain Cleaved into the following 2 chains: 1. Fibrinopeptide B 2. Fibrinogen beta chain

UniProt: [P02678](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.