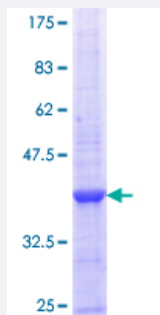


EPB42 (Human) Recombinant Protein (Q01)

Catalog # H00002038-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human EPB42 partial ORF (NP_000110.1, 623 a.a. - 721 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KMPEKAEQYQPLTASVSLQNSLDAPMEDCVISILGRGLIHRERSYRFRSVWPENTMCAKFQFTPT HVGLQRLTVEVDCNMFQNL TNYKSVTVVAPELSA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (66); Rat (69)
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 — EPB42

Entrez GeneID [2038](#)

GeneBank Accession# [NM_000119](#)

Protein Accession# [NP_000110.1](#)

Gene Name EPB42

Gene Alias MGC116735, MGC116737, PA

Gene Description erythrocyte membrane protein band 4.2

Omim ID [177070](#)

Gene Ontology [Hyperlink](#)

Gene Summary Erythrocyte membrane protein band 4.2 is an ATP-binding protein which may regulate the association of protein 3 with ankyrin. It probably has a role in erythrocyte shape and mechanical property regulation. Mutations in the EPB42 gene are associated with recessive spherocytic elliptocytosis and recessively transmitted hereditary hemolytic anemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations Erythrocyte surface protein band 4.2