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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EPB42 (Human) Recombinant Protein (P01)

Catalog Number: H00002038-P01

Regulation Status: For research use only (RUO)

Product Description: Human EPB42 full-length ORF (AAH99627.1, 1 a.a. - 619 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGQALGIKSCDFQAARNNEEHHTKALSSRRLFVRRG
QPFTIILYFRAPVRAFLPALKKVALTAQTGEQPSKINRT
QATFPISSLGDRKWWSAVVEERDAQSWTISVTPADA
VIGHYSLLLQVSGRKQLLLGQFTLLFNPWNREDAVFLK
NEAQRMEYLLNQNGLIYLGTAADCIQAESWDFGQFEGD
VIDLSLRLLSKDKQVEKWSQPVHVARVLGALLHFLKEQ
RVLPTPQTQATQEGALLNKRRGSPILRQWL TGRGRP
VYDGGQAVVLA AVACTVLRCLGIPARVVTFASAQGTG
GRLLIDEYYNEEGLQNGEGQRGRIWKCCEDGTLELTD
SNTKYVGNNISTKGVGSDRCEDITQNYKYPEGSLQEK
EVLERVEKEKMEREKDN GIRPPSLETASPLYLLLKAPS
SLPLRGDAQISVTLVNHSEQEKA VQLAIGVQAVHYNGV
LAAKLWRKKLHLT L SANLEKIITIGLFFSNFERNPPENTF
LRLTAMATHSESNLSCFAQEDIAICRPHLAIKMPEKAE
QYQPLTASVSLQNSLDAPMEDCVISILGRGLIHRERSY
RFRSVWPENTMCAKFQFTPTHVGLQRLTVEVDCNMF
QNL TNYKSVTVVAPELSA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 95.9

Interspecies Antigen Sequence: Mouse (81); Rat (79)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 2038

Gene Symbol: EPB42

Gene Alias: MGC116735, MGC116737, PA

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]