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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EPB41 (Human) Recombinant Protein (P02)

Catalog Number: H00002035-P02

Regulation Status: For research use only (RUO)

Product Description: Human EPB41 full-length ORF (AAH39079.1, 1 a.a. - 720 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTTEKSLVTEAENSQHQKKEEGEEAINSGQQEPQQE
ESCQTAAEGDNWCEQKCLKASNGDTPHEDLTKNKER
TSESRGLSRLFSSFLKRPKSQVSEEEGKEVESDKEKG
EGGQKEIEFGTSLDEEILKAPIAAPEPELKTDPSSLDLHS
LSSAETQPAQEELREDPDFEIKEGEGLEECISKIEVKKEE
SPQSKAETELKASQKPIRKHHRNMHCKVSLDDTVYEC
VVEKHAKGQDLLKRVCEHLNLEEDYFGLAIWDNATS
KTWLDSAKEIKKQVRGVPWNFTFNKVFYPPDPAQLTE
DITRYYLCLQLRQDIVAGRLPCSFATLALLGSYTIQSEL
GDYDPELHGVDYVSDFKLAPNQTKEEEKVMELHKS
YRSMTPAQADLEFLENAKKLSMYGVDLHKAKDLEGVDII
LGVCSGSLVYKDKLRINRFPWPKVLKISYKRSSFFIKI
RPGEQEQYESTIGFKLPSYRAAKKLWKCVEHHTFFR
LTSTDTIPKSKFLALGSKFRYSGRTQAQTRQASALIDR
PAPHFERTASKRASRLDGAAVDSADRSRPTSAPA
ITQQQVAEGGVLDAKKTVPKAKKETVKAEVKKEE
EPPEQAEPEPTEAWKVEKTHIEVTVPTSNGDQTQKKR
ERLDGENIYIRHSNLMLEDLDKSQEEIKKHHASISELKK
NFMESVPEPRPSEWDKRLSTHSPFRTLNINGQIPTGE
GVSTLST

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 107.6

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: 2035

Gene Symbol: EPB41

Gene Alias: 4.1R, EL1, HE

Gene Summary: Elliptocytosis is a hematologic disorder characterized by elliptically shaped erythrocytes and a variable degree of hemolytic anemia. Inherited as an autosomal dominant, elliptocytosis results from mutation in any one of several genes encoding proteins of the red cell membrane skeleton. The form discussed here is the one found in the 1950s to be linked to Rh blood group and more recently shown to be caused by a defect in protein 4.1. 'Rh-unlinked' forms of elliptocytosis are caused by mutation in the alpha-spectrin gene (MIM 182860), the beta-spectrin gene (MIM 182870), or the band 3 gene (MIM 109270).[supplied by OMIM]