

Recombinant Human EPB41 Protein, His-tagged

Cat. No. EPB41-468H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPB41(Met210~Lys497) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met210~Lys497
Description	The protein encoded by this gene, together with spectrin and actin, constitute the red cell membrane cytoskeletal network. This complex plays a critical role in erythrocyte shape and deformability. Mutations in this gene are associated with type 1 elliptocytosis (EL1). Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	37.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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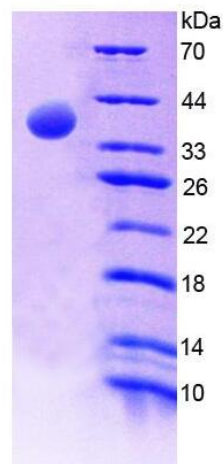
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. 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	EPB41 erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked) [Homo sapiens]
Official Symbol	EPB41
Synonyms	EPB41; erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked); EL1; protein 4.1; 4.1R; P4.1; EPB4.1; band 4.1; erythrocyte surface protein band 4.1; HE;
Gene ID	2035
mRNA Refseq	NM_001166005
Protein Refseq	NP_001159477
MIM	130500
UniProt ID	P11171

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15% SDS-PAGE

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