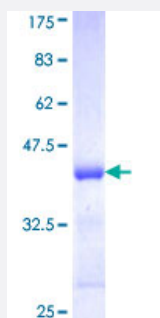


EPB41L1 (Human) Recombinant Protein (Q01)

Catalog # H00002036-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EPB41L1 partial ORF (NP_818932, 1 a.a. - 88 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEEKDYSEADGLSERTTPSKAQKSPQKIAKKYKSAICRVTLLDASEYECEVEKHGRGQVLFDLVC EHLNLLEKDYFGLTFCDADSQKN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.42
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 — EPB41L1

Entrez GeneID [2036](#)

GeneBank Accession# [NM_177996](#)

Protein Accession# [NP_818932](#)

Gene Name EPB41L1

Gene Alias 4.1N, DKFZp686H17242, KIAA0338, MGC11072

Gene Description erythrocyte membrane protein band 4.1-like 1

Omim ID [602879](#)

Gene Ontology [Hyperlink](#)

Gene Summary Erythrocyte membrane protein band 4.1 (EPB41) is a multifunctional protein that mediates interactions between the erythrocyte cytoskeleton and the overlying plasma membrane. The protein encoded by this gene is a neuronally-enriched protein that is structurally similar to EPB41. The encoded protein binds and stabilizes D2 and D3 dopamine receptors at the neuronal plasma membrane. Multiple transcript variants encoding different isoforms have been found for this gene, but the full-length nature of only two of them has been determined. [provided by RefSeq]

Other Designations OTTHUMP00000030825|OTTHUMP00000030829|neuron-type nonerythroid protein 4.1|neuronal protein 4.1

Pathway

- [Tight junction](#)

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Genetic Predisposition to Disease](#)