

## Product datasheet for TP302596L

### EPB41L1 (NM\_177996) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human erythrocyte membrane protein band 4.1-like 1 (EPB41L1), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202596 protein sequence Red=Cloning site Green=Tags(s)

MEEKDYSEADGLSERTTPSKAQKSPQKIAKKYKSAICRVTLLDASEYECEVEKHGRGQVLFDLVCEHLNL  
LEKDYFGLTFCDADSQKNWLDPSKEIKKQIRSSPWNFAFTVKFYPPDPAQLTEDITRYYLCLQLRADIIT  
GRLPCSFVTHALLGSYAVQAE LGDYDAEEHVGNYSELRFAPNQ TRELEERIMELHKTYRGMTPGEAEIH  
FLENAKKLSMYGVDLHHAKDSEGIDIMLGVCANGLLIYRDLRINRFAWP KILKISYKRSNFYIKIRPGE  
YEQFESTIGFKLPNHRSAKRLWKVCIEHHTFFRLVSPPEPPKGFVLMGSKFRYSGR TQAQTRQASALIDR  
PAPFFERSSSKRYTMSRSLDGAEF SRPASVSENHDAGPDGDKRDEDEGESGGQRSEAE EGEVRTPTKIKEL  
KFLDKPEDVLLKHQASINELKRTLKEPNSKLIHRDRDWERERRLPSSPASPSPKGTPEKANERAGLREGS  
EEKVKPPRPRAPESDTGDEDQDQERDTVFLKDNHLAIERKCSSITVSSTSLEAEVDFTVIGDYHGSAFE  
DFSRLPELDRDKSDSDTEGLLFSRDLNKGAPSQDDESGGIEDSPDRGACSTPDM PQFEPVKTTETMTVSS  
LAIRKKIEPEAVLQTRVSAMDNTQENSLKSGKGAAMIPGPQTVATEIRSLSPIIGKDVLTSTYGATAET  
LSTSTTHVTKTVKGGFSETRIEKRIITGDEDVDQDQALALAIKEAKLQHPDMLVTKAWYRETDP SPE  
ERDKKPQES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	87.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_818932](#)

**Locus ID:** 2036

**UniProt ID:** [Q9H4G0](#), [B7Z653](#)

**RefSeq Size:** 5967

**Cytogenetics:** 20q11.23

**RefSeq ORF:** 2337

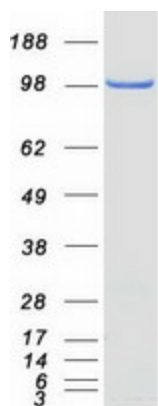
**Synonyms:** 4.1N; MRD11

**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 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. [provided by RefSeq, Jan 2015]

**Protein Families:** Druggable Genome

**Protein Pathways:** Tight junction

### Product images:



Coomassie blue staining of purified EPB41L1 protein (Cat# [TP302596]). The protein was produced from HEK293T cells transfected with EPB41L1 cDNA clone (Cat# [RC202596]) using MegaTran 2.0 (Cat# [TT210002]).