

Product datasheet for **TP314772M**

CABYR (NM_012189) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human calcium binding tyrosine-(Y)-phosphorylation regulated (CABYR), transcript variant 1, 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC214772 representing NM_012189
Red=Cloning site **Green**=Tags(s)

MISSKPRLVVPYGLKTLLEGISRAVLKTNPSNINQFAAAYFQELTMYRGNTTMDIKDLVKQFHQIKVEKW
SEGTPQKKLECLKEPGKTSVESKVPTQMEKSTDTDEDNVTRTEYSDKTTQFPSVYAVPGTEQTEAVGGL
SSKPATPKTTTTPPSSPPPTAVSPEFAYVPADPAQLAAQMLGKVSSIHSQSDVLMVDVATSMPPVVIKEVP
SSEAAEDVMVAAPLVCSGKVLEVQVNVQTSVHVDLGSQPKENEAEPSTASSVPLQDEQEPPAYDQAPEVT
LQADIEVMSTVHISSVYNDVPVTEGVVYIEQLPEQIVIPFTDQVACLKENEQSKENEQSPRVSPKSWVEK
TTSGMSKKSVESVKLAQLEENAKYSSVYMEAEATALLSDTSLKGQPEVPAQLLLDAEGAIGSEKSLHLE
VEITSIVSDNTGQEESEGENSVQEMEGKPVLSGEAAEAVHSGTSVKSSSGPFPPEGLTAPEIEPEGES
TAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

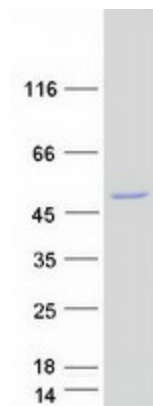
Tag: C-Myc/DDK
Predicted MW: 52.6 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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_036321
Locus ID:	26256
UniProt ID:	O75952 , A0A024RC21
RefSeq Size:	2333
Cytogenetics:	18q11.2
RefSeq ORF:	1479
Synonyms:	CABYRa; CABYRc; CABYRc/d; CABYRe; CBP86; CT88; FSP-2; FSP2
Summary:	To reach fertilization competence, spermatozoa undergo a series of morphological and molecular maturational processes, termed capacitation, involving protein tyrosine phosphorylation and increased intracellular calcium. The protein encoded by this gene localizes to the principal piece of the sperm flagellum in association with the fibrous sheath and exhibits calcium-binding when phosphorylated during capacitation. A pseudogene on chromosome 3 has been identified for this gene. Alternatively spliced transcript variants encoding distinct protein isoforms have been found for this gene. [provided by RefSeq, Jul 2013]

Product images:



Coomassie blue staining of purified CABYR protein (Cat# [TP314772]). The protein was produced from HEK293T cells transfected with CABYR cDNA clone (Cat# [RC214772]) using MegaTran 2.0 (Cat# [TT210002]).