Recombinant Human FAM114A2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FAM114A2-3425H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FAM114A2 MS Standard C13 and N15-labeled recombinant protein (NP_061161) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	FAM114A2 (Family With Sequence Similarity 114 Member A2) is a Protein Coding gene. Diseases associated with FAM114A2 include Postural Orthostatic Tachycardia Syndrome and Phencyclidine Abuse. Among its related pathways are Oncogenic MAPK signaling and HIV Life Cycle. Gene Ontology (GO) annotations related to this gene include purine nucleotide binding. An important paralog of this gene is FAM114A1.
Molecular Mass	55.5 kDa
AA Sequence	MSDKDDIETPLLTEAAPILEDGNCEPAKNSESVDQGAKPESKSEPVVSTRKRPETKP SSDLETSKVLPIQDNVSKDVPQTRWGYWGSWGKSILSSASATVATVGQGISNVIEKA ETSLGIPSPSEISTEVKYVAGETNAKENENSSPVAGAFGVFSTISTAVQSTGKSVISG GLDALEFIGKKTMDVIAEGDPGFKRTKGLMNRNATLSQVLREAKEKEEIRTSNEVTV ETDKKTHYGLLFDEFQGLSHLEALEMLSQESEIKVKSILNSLSGEELETLKVELEQLK ETFSLAEFCEEEEEEKKGDEDFTKDITELFSQLHVSSKPEKLARARNTAHEWIRKSLT KPLAENEEGEKQSEAENTEQVNKNSIEDIHAFAIRSLAELTACSIELFHKTAALVLHGR

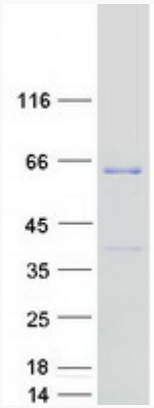
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	KQEVTAIERSQTLSQMTIVLCKELSSLSKEFTTCLTTAGVKEMADVLNPLITAVFLEAS NSASYIQDAFQLLLPVLEISLIENKIESHRHELQGQKPLLEHTRTRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FAM114A2 family with sequence similarity 114 member A2 [Homo sapiens (human)]
Official Symbol	FAM114A2
Synonyms	FAM114A2; family with sequence similarity 114 member A2; 133K02; C5orf3; protein FAM114A2; testis tissue sperm-binding protein Li 81P
Gene ID	10827
mRNA Refseq	NM_018691
Protein Refseq	NP_061161
UniProt ID	Q9NRY5

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SDS-PAGE	

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