

Product datasheet for PH304600

FAM172A (NM_032042) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAM172A MS Standard C13 and N15-labeled recombinant protein (NP_114431)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204600
Predicted MW:	48 kDa
Protein Sequence:	>RC204600 protein sequence Red=Cloning site Green=Tags(s) MSISLSSLILLPIWINMAQIQQGGPDEKEKTTALKDLLSRIDLDELMMKDEPPLDFPDTLEGFEYAFNEK GQLRHIKTGEPFVFNREDLHRWNQKRYEALGEIITKYVYELLEKDCNLKVSIPVDATESEPKSFIFMS EDALTNPQKLMVLIHGSGVVRAGQWARRLIINEDLDSGTQIPFIKRAVAEGYGVIVLNPENYIEVEKPK IHVQSSDSSDEPAEKREKDKVSKETKKRRDFYEKYRNPQREKEMMQLYIRENGSPEEHAIVVDHFIA QAAAENVFFVAHSYGGLAFVELMIQREADVKNKVTAVALTDSVHNVWHQEAGKTIREWMRENCNWSSS EPLDTSVESMLPDCPRVSAGTDRHELTSWKSFPISIFKFFTEASEAKTSSLKPAVTRRSHRIKHEEL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_114431</u>
RefSeq Size:	4720
RefSeq ORF:	1248
Synonyms:	C5orf21; Toupee
Locus ID:	83989



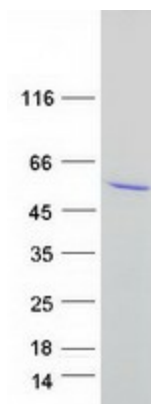
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UniProt ID: [Q8WUF8](#), [A0A024RAL9](#)

Cytogenetics: 5q15

Summary: Plays a role in the regulation of alternative splicing, by interacting with AGO2 and CHD7. Seems to be required for stabilizing protein-protein interactions at the chromatin-spliceosome interface. May have hydrolase activity.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified FAM172A protein (Cat# [TP304600]). The protein was produced from HEK293T cells transfected with FAM172A cDNA clone (Cat# [RC204600]) using MegaTran 2.0 (Cat# [TT210002]).