

Product datasheet for PH303056

FAM162A (NM_014367) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAM162A MS Standard C13 and N15-labeled recombinant protein (NP_055182)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203056
Predicted MW:	17.4 kDa
Protein Sequence:	>RC203056 protein sequence Red =Cloning site Green =Tags(s) MGSLSGLRLAAGSCFRLCERDVSSSLRLTRSSDLKRINGFCTKPQESPGVPSRTYNRVPLHKPTDWQKKI LIWSGRFKKEDEIPETVSLEMLDAAKNKMRVKISYLMIALTVVGCIFMVIEGKAAQRHETLTSLNLEKK ARLKEEAAMKAKTE 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:	NP_055182
RefSeq Size:	838
RefSeq ORF:	462
Synonyms:	C3orf28; E2IG5; HGTD-P
Locus ID:	26355
UniProt ID:	Q96A26 , Q9H2P1



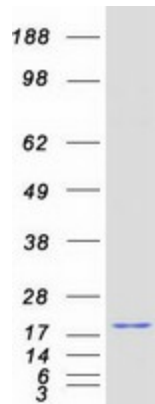
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Cytogenetics: 3q21.1

Summary: Proposed to be involved in regulation of apoptosis; the exact mechanism may differ between cell types/tissues. May be involved in hypoxia-induced cell death of transformed cells implicating cytochrome C release and caspase activation (such as CASP9) and inducing mitochondrial permeability transition. May be involved in hypoxia-induced cell death of neuronal cells probably by promoting release of AIFM1 from mitochondria to cytoplasm and its translocation to the nucleus; however, the involvement of caspases has been reported conflictingly.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified FAM162A protein (Cat# [TP303056]). The protein was produced from HEK293T cells transfected with FAM162A cDNA clone (Cat# [RC203056]) using MegaTran 2.0 (Cat# [TT210002]).