

## Product datasheet for **TP303056**

### FAM162A (NM\_014367) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 162, member A (FAM162A), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203056 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MGSLSGLRLAAGSCFRLCERDVSSSLRLTRSSDLKRINGFCTKPKQESPGVPSRTYNRVPLHKPTDWQKKI LIWSGRFKKEDEIPETVSLEMLDAAKNKMRVKISYLMIALTVVGCIFMVIIEGKAAQRHETLTSLNLEKK ARLKEEAAMKAKTE  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	17.2 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.
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:	<a href="#">NP_055182</a>
Locus ID:	26355
UniProt ID:	<a href="#">Q96A26</a> , <a href="#">Q9H2P1</a>



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RefSeq Size: 838

Cytogenetics: 3q21.1

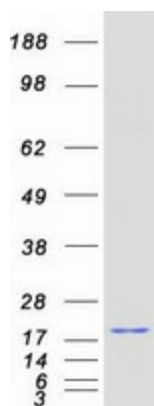
RefSeq ORF: 462

Synonyms: C3orf28; E2IG5; HGTD-P

**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]).