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Product datasheet for TP312378

AMMECR1 (NM_015365) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region gene 1 (AMMECR1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212378 representing NM_015365 Red=Cloning site Green=Tags(s) MAAGCCGVKKQKLSSSPPSGSGGGGGASSSSHCSGESQCRAGELGLGGAGTRLNGLGGLTGGGSGSGCTL SPPQGCGGGGGGIALSPPPSCGVGTLLSTPAAATSSSPSSSSAASSSSPGSRKMVVSAEMCCFCFDVLYC HLYGYQQPRTPRFTNEPYPLFVTWKIGRDKRLRGCIGTFSAMNLHSGLREYTLTSALKDSRFPPMTRDEL PRLFCSVSLLTNFEDVCDYLDWEVGVHGIRIEFINEKGSKRTATYLPEVAKEQGWDHIQTIDSLLRKGGY KAPITNEFRKTIKLTRYRSEKMTLSYAEYLAHRQHHHFQNGIGHPLPPYNHYS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	35.3 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:	NP_056180

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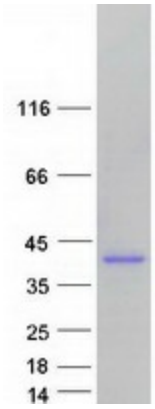
Locus ID:	9949
UniProt ID:	Q9Y4X0, A0A0S2Z4X0
RefSeq Size:	5431
Cytogenetics:	Xq23
RefSeq ORF:	999
Synonyms:	AMMERC1; MFHIEN
Summary:	The exact function of this gene is not known, however, submicroscopic deletion of the X chromosome including this gene, COL4A5, and FACL4 genes, result in a contiguous gene deletion syndrome, the AMME complex (Alport syndrome, mental retardation, midface hypoplasia, and elliptocytosis). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified AMMECR1 protein (Cat# TP312378). The protein was produced from HEK293T cells transfected with AMMECR1 cDNA clone (Cat# [RC212378]) using MegaTran 2.0 (Cat# [TT210002]).