

## Product datasheet for **TP319198M**

### EDARADD (NM\_080738) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human EDAR-associated death domain (EDARADD), transcript variant B, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219198 representing NM_080738 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MASPDDPLRADHVMVKEPVEDTDPSTLSFNMSDKYPIQDTELPKAEEDTITLNCPRNSDMKNQGEENGFP  
DSTGDPLPEISKDNSCKENCTCSSCLLRAPTISDLLNDQDLLDVIRIKLDPCHPTVKNWRNFASKWGMYSY  
DELFCLEQRPQSPTLEFLLRNSQRTVGQLMELCRLYHRADVEKVLRRVWDEEWPKRERGDPSRHF

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	23.5 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_542776</a>
Locus ID:	128178
UniProt ID:	<a href="#">Q8WWZ3</a>



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RefSeq Size: 2891

Cytogenetics: 1q42.3-q43

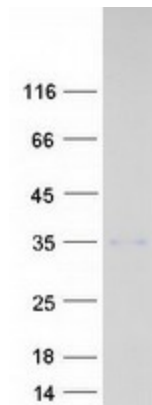
RefSeq ORF: 615

Synonyms: ECTD11A; ECTD11B; ED3; EDA3

**Summary:** This gene was identified by its association with ectodermal dysplasia, a genetic disorder characterized by defective development of hair, teeth, and eccrine sweat glands. The protein encoded by this gene is a death domain-containing protein, and is found to interact with EDAR, a death domain receptor known to be required for the development of hair, teeth and other ectodermal derivatives. This protein and EDAR are coexpressed in epithelial cells during the formation of hair follicles and teeth. Through its interaction with EDAR, this protein acts as an adaptor, and links the receptor to downstream signaling pathways. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified EDARADD protein (Cat# [TP319198]). The protein was produced from HEK293T cells transfected with EDARADD cDNA clone (Cat# [RC219198]) using MegaTran 2.0 (Cat# [TT210002]).