

## Product datasheet for PH319198

### EDARADD (NM\_080738) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	EDARADD MS Standard C13 and N15-labeled recombinant protein (NP_542776)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219198
Predicted MW:	23.5 kDa
Protein Sequence:	<p>&gt;RC219198 representing NM_080738</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MASPDDPLRADHVMKEPVEDTDPSTLSFNMSDKYPIQDTELPKAEEDTITLNCPRNSDMKNQGEENGFP            DSTGDPLPEISKDNSCKENCTCSSCLLRAPTISDLLNDQDLLDVIRIKLDPCHPTVKNWRNFASKWGMSY            DELCFLEQRPQSPTLEFLLRNSQRTVGQLMELCRLYHRADVEKVLRRWVDEEWPKRERGDP SRHF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	<a href="#">NP_542776</a>
RefSeq Size:	2891
RefSeq ORF:	615
Synonyms:	ECTD11A; ECTD11B; ED3; EDA3
Locus ID:	128178
UniProt ID:	<a href="#">Q8WWZ3</a>

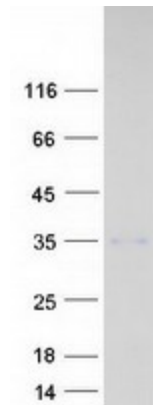

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**Cytogenetics:** 1q42.3-q43

**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]).