

Product datasheet for PH310862

EDAR (NM_022336) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EDAR MS Standard C13 and N15-labeled recombinant protein (NP_071731)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210862
Predicted MW:	48.6 kDa
Protein Sequence:	>RC210862 protein sequence Red=Cloning site Green=Tags(s)

MAHVGDCQTQTPWLPVLLVSLMCSARAEYSNCGENEYYNQTTGLCQECPPCGPGEEPYLSCGYGTDKDEDYGCVPCPAEKFSKGGYQICRRHKDCEGFFRATVLTGDMENDAECGPCLPGYYMLENRPNIYGMVCYSCLLAPPNTKECVGATSGASANFPGTSGSSTLSPFQHAHKELSGQHLATALIIMSTIFIMAIIVLIIMFYILKTKPSAPACCTSHPGKSVEAQVSKDEEKKEAPDNVVMFSEKDEFEKL TATPAKPTKSENDASSENEQLLSRSVDSDEEPAPDKQGSPELCLLSL VHLAREKSATSNKSAGIQSRRKKILDVYANVCGVVEGLSPTLPLFDLEKTSRMLSSSTYNSEKAVVKTWRHLAESFGLKRDEIGGMTDGMQLFDRI STAGYSIPELLTKLVQIERLDAVESLCADILEWAGVPPASQPHAAS

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_071731
RefSeq Size:	4226
RefSeq ORF:	1344
Synonyms:	DL; ECTD10A; ECTD10B; ED1R; ED3; ED5; EDA-A1R; EDA1R; EDA3; HRM1



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Locus ID: 10913

UniProt ID: [Q9UNE0](#)

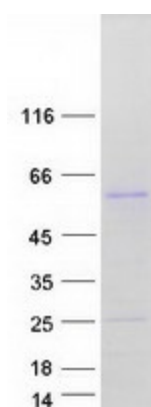
Cytogenetics: 2q13

Summary: This gene encodes a member of the tumor necrosis factor receptor family. The encoded transmembrane protein is a receptor for the soluble ligand ectodysplasin A, and can activate the nuclear factor-kappaB, JNK, and caspase-independent cell death pathways. It is required for the development of hair, teeth, and other ectodermal derivatives. Mutations in this gene result in autosomal dominant and recessive forms of hypohidrotic ectodermal dysplasia. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



Coomassie blue staining of purified EDAR protein (Cat# [TP310862]). The protein was produced from HEK293T cells transfected with EDAR cDNA clone (Cat# [RC210862]) using MegaTran 2.0 (Cat# [TT210002]).