

Recombinant Human EDAR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EDAR-782H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EDAR MS Standard C13 and N15-labeled recombinant protein (NP_071731) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	48.6 kDa
AA Sequence	MAHVG DCTQTPWLPVLVVSLMCSARAEYSNCGENEYYNQTTGLCQECPPCGPGE EPYLSCGYGTKDEDYGCVPKPAEKFSKGGYQICRRHKDCEGFFRATVLT PGDMEN DAECGPCLPGYYMLENRPRNIYGMVCYSCLLAPPNTKECVGATSGASANFPGTSG SSTLS PFQHAHKELSGQGHLATALIIMSTIFIMAIAIVLIIMFYILKTKPSAPACCTSHP GKSVEAQVSKDEEKKEAPDNVVMFSEKDEFELTATPAKPTKSENDASSENEQLLS RSVDSDEEPAPDKQGSPCLLSLVHLAREKSATSNKSAGIQSRRKKILDVYANVCG VVEGLSPTELPFDCLEKTSRMLSSTYNSEKAVVKTWRHLAESFGLKRDEIGGMTDG

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	MQLFDRISTAGYSIPELLTKLVQIERLDAVESLCADILEWAGVPPASQPHAASTRTR PLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	EDAR ectodysplasin A receptor [Homo sapiens (human)]
Official Symbol	EDAR
Synonyms	EDAR; ectodysplasin A receptor; DL, ectodysplasin 1, anhidrotic receptor, ED3; tumor necrosis factor receptor superfamily member EDAR; ED1R; ED5; EDA1R; EDA3; Edar; EDA-A1 receptor; downless homolog; ectodysplasin-A receptor; downless, mouse, homolog of; ectodermal dysplasia receptor; anhidrotic ectodysplasin receptor 1; ectodysplasin 1, anhidrotic receptor; DL; ED3; HRM1; EDA-A1R; FLJ94390;
Gene ID	10913
mRNA Refseq	NM_022336

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Protein Refseq NP_071731

MIM 604095

UniProt ID Q9UNE0

SDS-PAGE



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