

# 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

MAHVGDC TQTPWLPV L VVSLMCSARAEYSNCGENEYYNQTTGLCQECPPCGPGE  
 EPYLSCGYGTKDEDYGCVPCPAEKFSKGGYQICRRHKDCGFFRATVLT PGDMEN  
 DAECGPCLPGYYMLENRPRNIYGMVCYSCLLAPPNTKECVGATSGASANFPGTSG  
 SSTLSPFQHAHKELSGQGH LATALIIMSTIFIMAIAIVLIIMFYILKTKPSAPACCTSHP  
 GKSVEAQVSKDEEKKEAPDNVVMFSEKDEFELTATPAKPTKSENDASSENEQLLS  
 RSVDSDEEPAPDKQGSP ELCLLSLVHLAREKSATS NKSAGIQSRRRKILDVYANVCG  
 VVEGLSPTELPFDCKLEKTSRMLSSTYNSEKAVVKTWRHLAESFGLKRDEIGGMTDG

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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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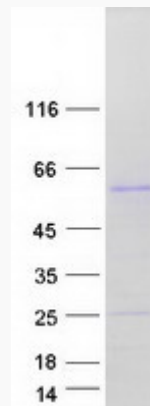
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**Protein Refseq** NP\_071731

**MIM** 604095

**UniProt ID** Q9UNE0

**SDS-PAGE**



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