

HuPro®

EDAR (Human) Recombinant Protein

Catalog # H00010913-H02

Size 25 ug

Specification

Product Description	Purified EDAR (AAH93872.1, 27 a.a. - 183 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293H cells
Sequence	EYSNCGENEYNNQTTGLCQECPPCGPGEEPYLSCGYGTDKEDYGCVPCPAEKFSKGGYQICRR HKDCEGFFRATVLTGDMENDAECGPCLPGYMLENRPRNIYGMVCYSCLLAPPNTKECVGATS GASANFPGTSGSSTLSPFQHAHKELSGQGH
Host	Human
Theoretical MW (kDa)	22.55
Interspecies Antigen Sequence	Mouse (85); Rat (84)
Form	Liquid
Preparation Method	Transfection of pSuper-EDAR plasmid into HEK293H cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

- SDS-PAGE
- Protein Interaction

Gene Info — EDAR

Entrez GeneID [10913](#)

GeneBank Accession# [BC093872.1](#)

Protein Accession# [AAH93872.1](#)

Gene Name EDAR

Gene Alias DL, ED1R, ED3, ED5, EDA-A1R, EDA1R, EDA3, FLJ94390

Gene Description ectodysplasin A receptor

Omim ID [129490](#) [224900](#) [604095](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations downless, mouse, homolog of ectodysplasin 1, anhidrotic receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)