

# Recombinant Human Ectodysplasin A Receptor, Fc Chimera

Cat. No. EDAR-2119H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human EDAR was produced in <i>E. coli</i> . The cysteine-rich region of human EDAR (ectodysplasin-A receptor) (aa 1-183) is fused to the Fc portion of human IgG1.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-183 a.a.
<b>Description</b>	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.
<b>Purity</b>	≥95% (SDS-PAGE).
<b>Formulation</b>	Lyophilized. Contains PBS.
<b>Concentration</b>	1mg/ml after reconstitution.
<b>nullValue_other</b>	Reconstitute with 50µsterile water. Further dilutions should be made with medium containing 5% fetal calf serum.

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**Endotoxin Content** <0.1EU/g purified protein (LAL test; Bio Whittaker).

**Stability** Stable for at least 6 months after receipt when stored at -20°C.

## GENE INFORMATION

**Gene Name** EDAR ectodysplasin A receptor [ Homo sapiens ]

**Synonyms** EDAR; ectodysplasin A receptor; DL; ED3; ED5; ED1R; EDA3; HRM1; EDA1R; EDA-A1R; FLJ94390; tumor necrosis factor receptor superfamily member EDAR; EDA-A1 receptor; downless homolog; ectodysplasin-A receptor; downless, mouse, homolog of; ectodermal dysplasia receptor; anhidrotic ectodysplasin receptor 1; ectodysplasin 1, anhidrotic receptor

**Gene ID** 10913

**mRNA Refseq** NM\_022336

**Protein Refseq** NP\_071731

**MIM** 604095

**UniProt ID** Q9UNE0

**Chromosome Location** 2q11-q13

**Pathway** Cytokine-cytokine receptor interaction

**Function** protein binding; receptor activity; transmembrane receptor activity

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