Recombinant Human Ectodysplasin A Receptor, Fc Chimera

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

SPECIFICATION

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

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Endotoxin Content	<0.1EU/μg 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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