Recombinant Human EDAR, GST-tagged

Cat. No. EDAR-12275H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EDAR protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	207-448a.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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	EDAR ectodysplasin A receptor [Homo sapiens]

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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
Protein Refseq	NP_071731
MIM	604095
UniProt ID	Q9UNE0
Chromosome Location	2q13
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	protein binding; receptor activity; transmembrane signaling receptor activity;

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