Recombinant Human EDAR Protein, His-tagged

Cat. No. EDAR-1402H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EDAR Protein (Lys212-Ser448) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys212-Ser448
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.5 kDa Accurate Molecular Mass: 35 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

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
Protein Refseq	NP_071731

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