Recombinant Human ectodysplasin A receptor, His-tagged

Cat. No. EDAR-606H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EDAR, 27-448aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	27-448 a.a.
Description	EDAR is a member of the tumor necrosis factor receptor family. This 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. Recombinant human EDAR protein, fused to His-tag at N-terminus, was expressed in E.coli
Form	Liquid. In 20mM Tris-HCl (pH 8.0) containing 10% glycerol
Molecular Mass	48.2 kDa (445aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSEYSNCGE NEYYNQTTGL CQECPPCGPG EEPYLSCGYG TKDEDYGCVP CPAEKFSKGG YQICRRHKDC EGFFRATVLT PGDMENDAEC GPCLPGYYML ENRPRNIYGM VCYSCLLAPP NTKECVGATS GASANFPGTS GSSTLSPFQH AHKELSGQGH LATALIIAMS TIFIMAIAIV LIIMFYILKT KPSAPACCTS HPGKSVEAQV SKDEEKKEAP DNVVMFSEKD

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	EFEKLTATPA KPTKSENDAS SENEQLLSRS VDSDEEPAPD KQGSPELCLL SLVHLAREKS ATSNKSAGIQ SRRKKILDVY ANVCGVVEGL SPTELPFDCL EKTSRMLSST YNSEKAVVKT WRHLAESFGL KRDEIGGMTD GMQLFDRIST AGYSIPELLT KLVQIERLDA VESLCADILE WAGVVPPASQ PHAAS
Purity	>85 % by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	EDAR ectodysplasin A receptor [Homo sapiens]
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA