

Active Recombinant Human EDAR, Fc-tagged, Biotinylated

Cat. No. EDAR-601H Lot. No. (See product label)

SPECIFICATION

Product Overview	The recombinant human EDAR-Fc fusion is expressed as a 389 amino acid protein consisting of Glu27 - Ala187 region of EDAR (UniProt accession #Q9UNE0) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions
Species	Human
Source	Human Cells
ProteinLength	27-187 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Binds to its ligand EDA-A1 and blocks EDA-A1-mediated signaling activity.
Molecular Mass	Calculated molecular mass (kDa): 42.9; Estimated by SDS-PAGE under reducing condition (kDa): 60-65
Endotoxin	<0.1 eu per 1 µg of purified recombinant protein determined by the
Purity	>95% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below -20°C for long-term storage and the product is stable for 3 months. The undiluted

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protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

Conjugation Biotin

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

MIM 604095

UniProt ID Q9UNE0

Chromosome Location 2q13

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Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	protein binding; receptor activity; transmembrane signaling receptor activity;