

Active Recombinant Human EDA2R, Fc-tagged, Biotinylated

Cat. No. EDA2R-600H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human EDA2R-Fc fusion is expressed as a 366 amino acid protein consisting of Asp2 - Thr138 region of EDA2R (UniProt accession #Q9HAV5) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions
Species	Human
Source	Human Cells
ProteinLength	2-138 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--A2 and blocks EDA-A2-mediated signaling activity.
Molecular Mass	Calculated molecular mass (kDa): 40.9; Estimated by SDS-PAGE under reducing condition (kDa): 50-55
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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 [EDA2R ectodysplasin A2 receptor \[Homo sapiens \]](#)

Official Symbol EDA2R

Synonyms EDA2R; ectodysplasin A2 receptor; tumor necrosis factor receptor superfamily member 27; EDA A2R; EDAA2R; TNFRSF27; XEDAR; EDA-A2 receptor; X-linked ectodysplasin-A2 receptor; tumor necrosis factor receptor superfamily member XEDAR; EDA-A2R;

Gene ID [60401](#)

mRNA Refseq [NM_001199687](#)

Protein Refseq [NP_001186616](#)

MIM [300276](#)

UniProt ID [Q9HAV5](#)

Chromosome Location Xq11.1

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

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Function

protein binding; receptor activity; tumor necrosis factor-activated receptor activity;

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