

Recombinant Human EDA2R protein, hlgG/His-tagged

Cat. No. EDA2R-132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EDA2R(1-138aa) fused with hlgG/His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-138 a.a.
Description	EDA2R also known as Tumor necrosis factor receptor superfamily member 27 isoform 2, is a transmembrane protein in the TNF receptor superfamily. This protein itself is strongly associated with androgenetic alopecia (male hair loss). It is widely expressed, notably in embryonic basal epidermal cells and maturing hair follicles. Even though it does not contain a cytoplasmic death domain, it can associate with Fas and induce EDA-A2 dependent apoptosis.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT.
Molecular Mass	42.5kDa (380aa) 40-57KDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADPMDCQENE YWDQWGRCVT CQRCGPGQEL SKDCGYGEGG DAYCTACPPR RYKSSWGHHR CQSCITCAVI NRVQKVNCTA TSNVCGDCL PRFYRKTRIG GLQDQECIPC TKQTPPTSEVQ CAFQLSLVEA DAPTVPPQEA TLEPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV

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KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV
 SNKALPAPIE KTISKAKGQP REPQVYTLPP SRDELTKNQV SLTCLVKGFY
 PSDIAVEWES NGQPENNYKT TPPVLDSGGS FFLYSKLTVD KSRWQQGNVF
 SCSVMHEALH NHYTQKSLSL SPGKHHHHHH

Endotoxin < 1.0 EU per 1 microgram of protein (determined by LAL method)

Purity > 90% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml (determined by Absorbance at 280nm)

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;

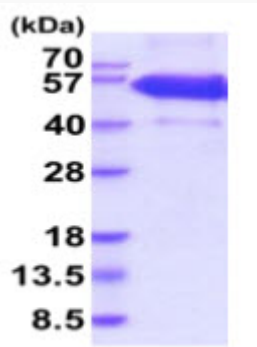
Gene ID [60401](#)

mRNA Refseq [NM_001242310](#)

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Protein Refseq	NP_001229239
MIM	300276
UniProt ID	Q9HAV5
Chromosome Location	Xq11.1
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	protein binding; receptor activity; tumor necrosis factor-activated receptor activity;
 15% SDS-PAGE (3ug)	