Recombinant human TNFRSF27/EDA2R protein

Catalog Number: ATGP3531

PRODUCT INFORMATION

Expression system
Baculovirus

Domain
1-138aa

UniProt No.
Q9HAV5

NCBI Accession No.
NP_001229239

Alternative Names
EDA2R, EDA-A2 receptor, EDAA2R, EDA-A2R, TNFRSF27, Tumor necrosis factor receptor superfamily member 27 isoform 2, XEDAR, X-linked ectodysplasin-A2 receptor

PRODUCT SPECIFICATION

Molecular Weight
42.5 kDa (380aa)

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

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT

Purity
> 90% by SDS-PAGE

Endotoxin level
< 1 EU per 1ug of protein (determined by LAL method)

Tag
hIgG-His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Recombinant human TNFRSF27/EDA2R protein

Catalog Number: ATGP3531

Even though it does not contain a cytoplasmic death domain, it can associate with Fas and induce EDA-A2 dependent apoptosis. Recombinant human EDA2R protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

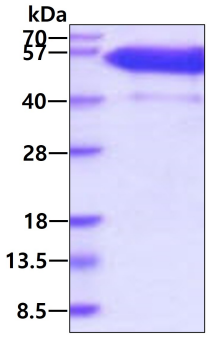
<ADP>MDCQENE YWDQWGRCVT CQRCGPGQEL SKDCGYGEGG DAYCTACPPR RYKSSWGHHR CQSCITCAVI NRVQKVNCTA TSNAVCGDCL PRFYRKTRIG GLQDQECIPC TKQTPTSEVQ CAFQLSLVEA DAPTVPPQEA T<LEPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SRDELTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSDGS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGKHHHHHH>

General References

Brosh R., et al. (2010) FEBS Lett. 584:2473-2477
Redler S., et al. (2012) Br J Dermatol. 166:1314-1318

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.