

AR51218PU-N

Human EDA2R / TNFRSF27 (1-138, His-tag) - Purified

Alternate names:

EDA-A2 receptor, Tumor necrosis factor receptor superfamily member 27, UNQ2448/PRO5727/PRO34080, X-linked ectodysplasin-A2 receptor, XEDAR

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

EDA-A1 and EDA-A2 are two isoforms of ectodysplasin that are encoded by the anhidrotic ectodermal dysplasia (EDA) gene. Mutations in EDA give rise to a clinical syndrome characterized by loss of hair, sweat glands, and teeth. EDA2R specifically binds to EDA-A2 isoform. This protein is a type III transmembrane protein of the TNFR (tumor necrosis factor receptor) superfamily, and contains 3 cysteine-rich repeats and a single transmembrane domain but lacks an N-terminal signal peptide. Alternatively spliced transcript variants have been found for this gene.

Uniprot ID:

[Q9HAV5](#)

NCBI:

[NP_001229239](#)

GenelD:

[60401](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Description:

Recombinant human EDA2R protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMDQENE YWDQWGRCVT CQRCGPGQEL SKDCGYGEGG
DAYCTACPPR RYKSSWGHR CQSCITCAVI NRVQKVNCTA TSNVCGDCL PRFYRKTRIG
GLQDQECIPC TKQTPTSEVQ CAFQLSLVEA DAPTVPPEA T

Molecular weight: 17.7 kDa (161aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Sinha S.K., et al. (2002) J. Biol. Chem. 277:44953-44961 Yan M., et al. (2000) Science. 290:523-527

Pictures:

