

Product information



EDA2R, 1-138aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2397

Full name: Ectodysplasin A2 receptor

NCBI Accession No.: NP_001229239

Synonyms: EDA-A2R, EDAA2R, TNFRSF27, XEDAR

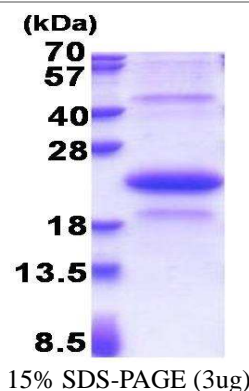
Description: EDA-A1 and EDA-A2 are two isoforms of ectodysplasin that are encoded by the anhidrotic ectodermal dysplasia (EDA) gene. Mutations in EDA give rise to a clinical syndrome characterized by loss of hair, sweat glands, and teeth. EDA2R specifically binds to EDA-A2 isoform. This protein is a 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. Recombinant human EDA2R protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Molecular Weight: 17.7 kDa (161aa)

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMDQENE YWDQWGRCVT CQRCGPGQEL SKDCGYGEGG DAYCTACPPR RYKSSWGHHR CQSCITCAVI
NRVQKVNCTA TSNAVCGDCL PRFYRKTRIG GLDQDECIPC TKQTPTSEVQ CAFQLSLVEA DAPTVPPQEA T

General references:

Sinha S.K., *et al.* (2002) *J. Biol. Chem.* 277:44953-44961

Yan M., *et al.* (2000) *Science.* 290:523-527

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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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