

EDA2R recombinant protein

EDA2R, 1-138aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48851	HOST E Coli	APPLICATIONS SDS-Page
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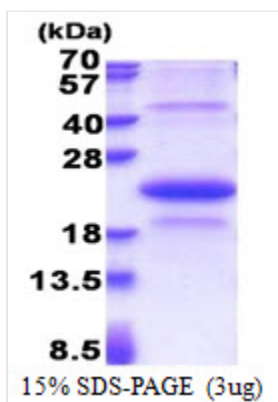
PRODUCT SYNONYMS

EDA2R; 1-138aa; Human; His tag; E Coli (Denatured); Ectodysplasin A2 receptor; EDA-A2R; EDAA2R; TNFRSF27; XEDAR; EDA2R recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol 0.4M urea
Concentration	1mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDQCENE YWDQWGRCVT CQRCGPGQEL SKDCGYGEGG DAYCTACPPR RYKSSWGHHR CQSCITCAVI NRQKVNCTA TSNVCGDCL PRFYRKTRIG GLQDQECIPC TKQTPTSEVQ CAFQLSLVEA DAPTVPPEA T
Sequence Length	318
Applicable Applications for EDA2R recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	1-138aa
Preparation and Storage	Can be stored at 2 to 8 degree C for 1 week. For long term storage, aliquot and store at -20 to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for EDA2R recombinant protein	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.
Product Categories/Family for EDA2R recombinant protein	Stem Cell
References	Sinha S.K., et al. (2002) J. Biol. Chem. 277:44953-44961; Yan M., et al. (2000) Science. 290:523-527;

NCBI AND UNIPROT INFORMATION

NCBI GI #	334085255
NCBI GeneID	60401
NCBI Accession #	NP_001229239
NCBI GenBank Nucleotide #	NM_001242310.1
UniProt Accession #	Q9HAV5; Q5VYX9; Q5VYY0; Q6UWM2; Q8IZA6
Molecular Weight	17.7 kDa (161aa)
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 27 isoform 2
NCBI Official Synonym Full Names	ectodysplasin A2 receptor
NCBI Official Symbol	EDA2R
NCBI Official Synonym Symbols	XEDAR; EDAA2R; EDA-A2R; TNFRSF27
NCBI Protein Information	tumor necrosis factor receptor superfamily member 27
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 27
UniProt Gene Name	EDA2R
UniProt Synonym Gene Names	TNFRSF27; XEDAR; EDA-A2 receptor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.