9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

EDA2R Human

Ectodysplasin A2 Receptor Human Recombinant
RCP0699

Product Overview

Name	EDA2R Human
Description	
Ectodysplasin A2 Receptor Human Recombinant	
Accession (Primary)	Q9HAV5
Synonyms	
Ectodysplasin A2 Receptor, XEDAR, TNFRSF27, EDA-A2 Receptor, X-Linked Ectodysplasin-A2 Receptor, EDAA2R, EDA-A2R, Tumor Necrosis Factor Receptor Superfamily Member 27, Tumor Necrosis Factor Receptor Superfamily Member XEDAR, EDAR2.	
Introduction	
EDA2R (ectodysplasin A2 receptor) mediates the activation of the NF-kappa-B and JNK pathways. Activation seems to be mediated through binding to TRAF3 and TRAF6. In addition, 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 however it lacks an N-terminal signal peptide. Alternatively spliced transcript variants have been found for this gene. Among the diseases associated with EDA2R are ectodermal dysplasia 1, hypohidrotic, x-linked, and hypohidrotic ectodermal dysplasia.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
EDA2R protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	

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MGSSHHHHHH SSGLVPRGSH MGS MDCQENE YWDQWGRCVT CQRCGPGQEL SKDCGYGEGG DAYCTACPPR RYKSSWGHHR CQSCITCAVI NRVQKVNCTA TSNAVCGDCL PRFYRKTRIG GLQDQECIPC TKQTPTSEVQ CAFQLSLVEA DAPTVPPQEA T

Precautions

EDA2R Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9HAV5)