32-3705: EDA2R Recombinant Protein

Alternative Name :	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.

Description

Source : Escherichia Coli. EDA2R Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 161 amino acids (1-138 a.a) and having a molecular mass of 17.7kDa.EDA2R is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 μg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	EDA2R protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMDCQENE YWDQWGRCVT CQRCGPGQEL SKDCGYGEGG DAYCTACPPR RYKSSWGHHR CQSCITCAVI NRVQKVNCTA TSNAVCGDCL PRFYRKTRIG GLQDQECIPC TKQTPTSEVQ CAFQLSLVEA DAPTVPPQEA T