

EDAR, 27-448aa, Human, His tag, E.coli

Cat.NO.: TP01964

3th Edition

Synonyms:Tumor necrosis factor receptor superfamily member EDAR, DL, ECTD10A, ECTD10B, ED1R, ED3, ED5, EDA-A1R, EDA1R, EDA3, HRM1

Description:EDAR is a member of the tumor necrosis factor receptor family. This protein is a receptor for the soluble ligand ectodysplasin A, and can activate the nuclear factor-kappaB, JNK, and caspase-independent cell death pathways. It is required for the development of hair, teeth, and other ectodermal derivatives. Mutations in this gene result in autosomal dominant and recessive forms of hypohidrotic ectodermal dysplasia. Recombinant human EDAR protein, fused to His-tag at N-terminus, was expressed in E.coli

Form:Liquid. In 20mM Tris-HCl (pH 8.0) containing 10% glycerol

Molecular Weight:48.2 kDa (445aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSEYSNCGENEYQNQTGLCQECPPCGPGEEPYLSCGYGTKDEDYGCVPCP
AEKFSKGGYQICRRHKDCEGFFRATVLTGDMENDAECGPCLPGYYMLENRPRNIYGMVCYSCLLAPPNTKECVG
ATSGASANFPGTSGSSTLSPFQHAHKELSGQGHLATALIIMSTIFIMAIIVLIIMFYILKTKPSAPACCTSHPGKSVEA
QVSKDEEKKEAPDNVVMFSEKDEFELTATPAKPTKSENDASSENEQLLSRSVDSDEEPAPDKQGSPELCLLSLVH
LAREKSATSNKSAGIQSRRKILDVYANVCGVVEGLSPTLPELDCLEKTSRMLSSTYNSEKAVVKTWRHLAESFGLK
RDEIGGMTDGMQLFDRISTAGYSIPELLTKLVQIERLDAVESLCADILEWAGVPPASQPHAAS

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.