

32-13199: EDAR Human, Sf9

Alternative Name : Ectodysplasin A Receptor, Ectodysplasin 1, Anhidrotic Receptor, Anhidrotic Ectodysplasin Receptor 1, Ectodermal Dysplasia Receptor, Downless Homolog, EDA-A1 Receptor, DL, Tumor Necrosis Factor Receptor Superfamily Member EDAR, Downless, Mouse, Homolog Of, Ectodysplasin-A Receptor, ECTD10A, ECTD10B, EDA-A1R, EDA1R, ED1R, EDA3, HRM1, ED5, ED3.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

Ectodysplasin A Receptor, also known as EDAR belongs to the tumor necrosis factor α receptor family. EDAR is a receptor for the soluble ligand ectodysplasin A, and is capable of activating the nuclear factor-kappaB, JNK, as well as caspase-independent cell death pathways. EDAR is necessary for the development of hair, teeth, and other ectodermal derivatives. Furthermore, mutations in EDAR resulted in autosomal dominant and recessive forms of hypohidrotic ectodermal dysplasia. EDAR produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 413 amino acids (27-187a.a.) and having a molecular mass of 45.6kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). EDAR is expressed with a 249 amino acid HlgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 μ g / 10 μ g

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : EDAR protein solution (0.5mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).

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 : ADPEYSNCGE NEYYNQTTGL CQECPPCGPG EEPYLSCGYG TKDEDYGCVP CPAEKFSKGG YQICRRHKDC EGFFRATVLT PGDMENDAEC GPCLPGYYML ENRPRNIYGM VCYSCLLAPP NTKECVGATS GASANFPGTS GSSTLSPFQH AHKELSGQGH LATAAAAFES ACSLEPKSC α DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYTT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLD α DGSFFLYSKL TVDKSRWQQG NVFSCVMHE ALHNHYTQKS LSLSPGKHHH HHH.