

Datasheet for ABIN7320722

Ectodysplasin A2 Receptor Protein (EDA2R) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Ectodysplasin A2 Receptor (EDA2R)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ectodysplasin A2 Receptor protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse XEDAR/EDA2R Protein (His Tag)
Sequence:	Met1-Thr138
Characteristics:	Recombinant Mouse Ectodysplasin A2 Receptor is produced by our Mammalian expression system and the target gene encoding Met1-Thr138 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Ectodysplasin A2 Receptor (EDA2R)
Alternative Name:	XEDAR/EDA2R (EDA2R Products)
Background:	Background: Tumor necrosis factor receptor superfamily member 27, also known as XEDAR and EDA2R, is a type III transmembrane protein of the TNFR superfamily. EDA2R consists of

Target Details

extracellular domain (ECD) with 3 cysteine-rich repeats and a single transmembrane domain but lacks an N-terminal signal peptide. EDA2R is widely expressed, notably in embryonic basal epidermal cells and maturing hair follicles. Even though it does not contain a cytoplasmic death domain, EDA2R can associate with Fas and induce EDA-A2 dependent apoptosis. Its transcription is directly induced by p53, and its mediated cell death is p53 dependent. It is down-regulated in breast, colon, and lung cancers, particularly in cases with p53 mutations. It also plays a role in EDA-A2 induced skeletal muscle degeneration and osteoblast differentiation. Mutations in the EDA gene are associated with the X-linked form of Hypohidrotic Ectodermal Dysplasia (HED), a disease typically characterized by abnormal hair, teeth and sweat glands. Synonym: Ectodysplasin A2 receptor, EDA-A2 receptor, EDA-A2R, Tumor necrosis factor receptor superfamily member XEDAR, Tumor necrosis factor receptor superfamily member 27, X-linked ectodysplasin-A2 receptor, EDAA2R, TNFRSF27, XEDAR, EDAR2

Molecular Weight: 16.4 kDa

UniProt: [Q8BX35](#)

Application Details

Restrictions: For Research Use only

Handling

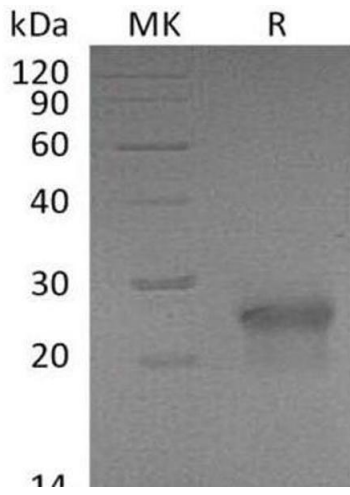
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.