

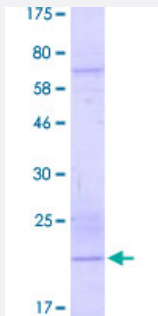
HuPro®

EDA (Human) Recombinant Protein

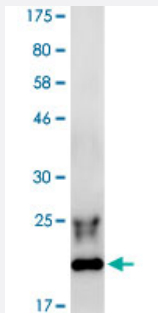
Catalog # H00001896-H02

Size 2 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description

Purified EDA (NP_001005609.1 245 a.a. - 389 a.a.) human recombinant protein with His-Flag-Strep II tag at N-terminus expressed in human cells.

Transfected Cell Line

Human HEK293T cells

Sequence

ENQPAVVHLQGQGSIAIQVKNDLSGGVLNDWSRITMNPVKVFKLHPRSGELEVLDGTYFYISQVYYI
NFTDFASYEVVVDEKPFLLQCTRSIETGKTNYNTCYTAGVCLLKARQKIAVKMVHADISINMSKHTTF
FGAIRLGEAPAS

Host

Human

Theoretical MW (kDa)

21.23

Form

Liquid

Preparation Method	Transfection of pSuper-EDA plasmid into HEK293T cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Quality Control Testing	SDS-PAGE and Western Blot SDS-PAGE Gel Western Blot
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction

Gene Info — EDA

Entrez GeneID	1896
GeneBank Accession#	NM_001005609.1
Protein Accession#	NP_001005609.1
Gene Name	EDA
Gene Alias	ED1, ED1-A1, ED1-A2, EDA1, EDA2, HED, XHED, XLHED
Gene Description	ectodysplasin A
Omim ID	300451 300606 305100
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a type II membrane protein that can be cleaved by furin to produce a secreted form. The encoded protein, which belongs to the tumor necrosis factor family, acts as a homotrimer and may be involved in cell-cell signaling during the development of ectodermal organs. Defects in this gene are a cause of ectodermal dysplasia, anhidrotic, which is also known as X-linked hypohidrotic ectodermal dysplasia. Several transcript variants encoding many different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000023461|OTTHUMP00000023463|X-linked anhidrotic ectodermal dysplasia protein|ectodermal dysplasia 1, anhidrotic|ectodermal dysplasia, anhidrotic (hypohidrotic)|ectodysplasin-A

Pathway

- [Cytokine-cytokine receptor interaction](#)