

Recombinant Mouse Ectodysplasin-A Receptor

Cat. No. Edar-1721M **Lot. No.** (See product label)

SPECIFICATION

Species	Mouse
Source	Mammalian Cells
Description	Ectodysplasin A receptor, also known as EDAR is a cell surface receptor of the tumor necrosis factor receptor (TNFR) family involved in the development of hair follicles, teeth, and sweat glands. EDAR is the genetic determinant of hair thickness as well as a strong contributor to hair fiber thickness variation among Asian populations.
Molecular Weight	The predicted molecular weight of Recombinant Mouse EDAR is Mr 44.3 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 55-60 kDa.
State Of Matter	Lyophilized.
Purity	>90% by SDS Page and analyzed by silver stain.
Endotoxin	<0.1 ng per 1 g as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

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GENE INFORMATION

Gene Name	Edar ectodysplasin-A receptor [<i>Mus musculus</i>]
Synonyms	Edar; ectodysplasin-A receptor; dl; ED3; ED5; ED1R; EDA3; EDA-A1R; ectodysplasin A receptor; OTTMUSP00000030271; ectodermal dysplasia receptor; anhidrotic ectodysplasin receptor 1
Gene ID	13608
mRNA Refseq	NM_010100
Protein Refseq	NP_034230
UniProt ID	Q9R187
Chromosome Location	10 B3; 10 29.0 cM
Pathway	Cytokine-cytokine receptor interaction
Function	protein binding; receptor activity

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