

## Recombinant Rat Edar protein(Met1-Ala187), hFc-tagged

**Cat. No.** Edar-7468R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat EDAR (NP_001178828.1) extracellular domain (Met 1-Ala 187) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala187
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The secreted recombinant rat EDAR/Fc is a disulfide-linked homodimer. The reduced monomer comprises 402 amino acids and predicts a molecular mass of 44.4 kDa. The apparent molecular mass of the ratEDAR/Fc monomer is approximately 60-70 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Edar ectodysplasin-A receptor [ *Rattus norvegicus* ]

**Official Symbol** Edar

**Synonyms** EDAR; ectodysplasin-A receptor; tumor necrosis factor receptor superfamily member  
EDAR; RGD1561714;

**Gene ID** 365581

**mRNA Refseq** NM\_001191899

**Protein Refseq** NP\_001178828

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