

Recombinant Human EDAR protein(Met1-Ile189), hFc-tagged

Cat. No. EDAR-3135H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EDAR (NP_071731.1)(Met 1-Ile 189) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Ile189
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human EDAR/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 404 amino acids and predicts a molecular mass of 44.6 kDa. As a result of glycosylation, the apparent molecular mass of rh EDAR/Fc monomer is approximately 52 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 96 % as determined by SDS-PAGE
Storage	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 [Homo sapiens]

Official Symbol EDAR

Synonyms

EDAR; ectodysplasin A receptor; DL, ectodysplasin 1, anhidrotic receptor , ED3; tumor necrosis factor receptor superfamily member EDAR; ED1R; ED5; EDA1R; EDA3; Edar; EDA-A1 receptor; downless homolog; ectodysplasin-A receptor; downless, mouse, homolog of; ectodermal dysplasia receptor; anhidrotic ectodysplasin receptor 1; ectodysplasin 1, anhidrotic receptor; DL; ED3; HRM1; EDA-A1R; FLJ94390;

Gene ID 10913

mRNA Refseq NM_022336

Protein Refseq NP_071731

MIM 604095

UniProt ID Q9UNE0

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