

# Recombinant Cynomolgus EDAR, His tagged

**Cat. No.** EDAR-77C    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Cynomolgus EDAR (F7GZI3) (Met1-Ala187), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.                                                                |
| <b>Species</b>              | Cynomolgus                                                                                                                                                                                        |
| <b>Source</b>               | Human Cells                                                                                                                                                                                       |
| <b>ProteinLength</b>        | 1-187 a.a.                                                                                                                                                                                        |
| <b>Predicted N Terminal</b> | Glu 27                                                                                                                                                                                            |
| <b>Form</b>                 | Lyophilized from sterile PBS, PH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.                                                                   |
| <b>Molecular Mass</b>       | The recombinant cynomolgus EDAR comprises 172 amino acids and has a calculated molecular mass of 18.8 KDa. The apparent molecular mass of it is approximately 30-40 KDa respectively in SDS-PAGE. |
| <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>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                         |
| <b>Storage</b>              | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein                                                                                                              |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** EDAR ectodysplasin A receptor [ *Macaca fascicularis* (crab-eating macaque) ]

**Official Symbol** EDAR

**Gene ID** 102120238

**mRNA Refseq** XM\_005575225

**Protein Refseq** XP\_005575282

**Chromosome Location** 13

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