

## 32-8710: Recombinant Mouse Ectodysplasin A2 Receptor/EDA2R/TNFRSF27 (C-Fc)

**Gene :** Eda2r  
**Gene ID :** 245527  
**Uniprot ID :** Q8BX35

### Description

Source: Human Cells.  
MW :42.5kD.

Recombinant Mouse Ectodysplasin A2 Receptor is produced by our Mammalian expression system and the target gene encoding Met1-Thr138 is expressed with a Fc tag at the C-terminus. Tumor necrosis factor receptor superfamily member 27, also known as XEDAR and EDA2R, is a type III transmembrane protein of the TNFR (tumor necrosis factor receptor) superfamily, and contains 3 cysteine-rich repeats and a single transmembrane domain but lacks an N-terminal signal peptide. EDA2R, as well as its paralog, EDAR, binds the ectodysplasin ligands EDA-A2 and EDA-A1, which are two alternatively spliced forms of the EDA gene. Mutations in the EDA gene are associated with the X-linked form of Hypohidrotic Ectodermal Dysplasia (HED), a disease typically characterized by abnormal hair, teeth and sweat glands.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MDCQENEYRDQWGRCVTCQQCGPGQELSKDCGYGEGGDAHCVCPPRKYKSTWGHHCQTCTCAVINRAQKANCNTNSNAICGDCLPRFYRKTRIGGLQDQECIPCTKQTPSSEVQCTFQLSLVKVDAHTVPPREATVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.