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Recombinant Mouse Ectodysplasin A2 Receptor Protein

产品货号: TP04814

第三版

别名:Ectodysplasin A2 receptor; EDA-A2 receptor; EDA-A2R; Tumor necrosis factor receptor superfamily member XEDAR; Tumor necrosis factor receptor superfamily member 27; X-linked ectodysplasin-A2 receptor;EDAA2R; TNFRSF27; XEDAR;EDAR2

描述:Tumor necrosis factor receptor superfamily member 27, also known as XEDAR and EDA2R, is a type III transmembrane protein of the TNFR superfamily. EDA2R consists of extracellular domain (ECD) with 3 cysteine-rich repeats and a single transmembrane domain but lacks an N-terminal signal peptide. EDA2R is widely expressed, notably in embryonic basal epidermal cells and maturing hair follicles. Even though it does not contain a cytoplasmic death domain, EDA2R can associate with Fas and induce EDA-A2 dependent apoptosis. Its transcription is directly induced by p53, and it mediated cell death is p53 dependent. it is down-regulated in breast, colon, and lung cancers, particularly in cases with p53 mutations. It also plays a role in EDA-A2 induced skeletal muscle degeneration and osteoblast differentiation. 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.

配方:PBS

分子量:16.4 kDa

序列:Met1-Thr138

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.