

EDA2R/XEDAR Protein, Rat (HEK293, His)

Cat. No.:	HY-P76313
Synonyms:	Tumor necrosis factor receptor superfamily member 27; EDA-A2 receptor; EDA2R; TNFRSF27; XEDAR
Species:	Rat
Source:	HEK293
Accession:	D3ZAX4 (M2-E137)
Gene ID:	296872
Molecular Weight:	Approximately 24 kDa due to the glycosylation.

PROPERTIES

AA Sequence	<p>M D C Q E N E Y R D Q W G R C V T C Q Q C G P G Q E L S K D C G Y G E G G D A Y</p> <p>C I A C P P R K Y K S T W G H H R C Q T C I T C A V I N R V Q K A N C T N T S N</p> <p>A I C G D C L P R F Y R K T R I G G L Q D Q E C I P C T K Q T P S S E V Q C T F</p> <p>Q L S L V K V D T H T L P P K E</p>
Biological Activity	Immobilized Recombinant Rat EDA2R at 0.1 µg/mL (100 µL/well) can bind Recombinant Human EDA-A2. The ED ₅₀ for this effect is 14.16 ng/mL.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	EDA2R, also known as XEDAR, presents a distinctive feature as it lacks conserved residue(s) necessary for the propagation of feature annotation. This unique characteristic raises intriguing questions about the structural and functional aspects of EDA2R, hinting at potential variations in its molecular interactions and signaling pathways. The absence of these conserved residues highlights the need for in-depth investigations to elucidate the specific roles and regulatory mechanisms associated with EDA2R, shedding light on its contributions to cellular processes and biological functions.
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Caution: Product has not been fully validated for medical applications. For research use only.

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