EDA2R/XEDAR Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P75729
Synonyms:	Tumor necrosis factor receptor superfamily member 27; EDA-A2 receptor; EDA2R; TNFRSF27; XEDAR
Species:	Mouse
Source:	HEK293
Accession:	Q8BX35 (M1-T138)
Gene ID:	245527
Molecular Weight:	Approximately 49 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
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/XEDAR Protein, identified as a receptor for EDA isoform A2 (but not A1), plays a pivotal role in mediating the activation of the NF-kappa-B and JNK pathways. The activation process appears to involve the binding of EDA2R/XEDAR to TRAF3 and TRAF6, as suggested by similarity with related proteins. Additionally, EDA2R/XEDAR associates with TRAF1, TRAF3, and TRAF6, further indicating its involvement in signaling pathways associated with immune and inflammatory responses. The intricate interactions and activation mechanisms underscore the significance of EDA2R/XEDAR in cellular signaling cascades, with potential implications in various physiological processes and cellular responses.

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