EDA2R/XEDAR Protein, Human (HEK293, Fc)

Cat. No.:	HY-P75727
Synonyms:	Tumor necrosis factor receptor superfamily member 27; EDA-A2 receptor; EDA2R; TNFRSF27; XEDAR
Species:	Human
Source:	HEK293
Accession:	Q9HAV5 (M1-E136)
Gene ID:	60401
Molecular Weight:	Approximately 41.3 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 serves as a receptor specifically for EDA isoform A2, distinguishing it from isoform A1. This receptor plays a crucial role in mediating the activation of the NF-kappa-B and JNK pathways. The activation process appears to be facilitated through the binding of EDA2R/XEDAR to TRAF3 and TRAF6. Additionally, EDA2R/XEDAR forms associations with TRAF1, TRAF3, and TRAF6, indicating its involvement in intricate signaling networks. These interactions highlight the multifaceted role of EDA2R/XEDAR in cellular signaling pathways, emphasizing its potential impact on immune responses and inflammatory processes.

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