Recombinant Full Length Human EDARADD Protein, GST-tagged

Cat. No. EDARADD-976HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EDARADD full-length ORF (BAF83551.1, 1 a.a. - 215 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	215 amino acids
Description	This gene was identified by its association with ectodermal dysplasia, a genetic disorder characterized by defective development of hair, teeth, and eccrine sweat glands. The protein encoded by this gene is a death domain-containing protein, and is found to interact with EDAR, a death domain receptor known to be required for the development of hair, teeth and other ectodermal derivatives. This protein and EDAR are coexpressed in epithelial cells during the formation of hair follicles and teeth. Through its interaction with EDAR, this protein acts as an adaptor, and links the receptor to downstream signaling pathways. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	51.2 kDa
AA Sequence	MGLRTTKQIG RGTKAPGHQE DHMVKEPVED TDPSTLSFNM SDKYPIQDTE

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	LPKAEECDTI TLNCPRNSDM KNQGEENGFP DSTGDPLPEI SKDNSCKENC TCSSCLLRAP TISDLLNDQD LLDVIRIKLD PCHPTVKNWR NFASKWGMSY DELCFLEQRP QSPTLEFLLR NSQRTVGQLM ELCRLYHRAD VEKVLRRWVD EEWPKRERGD PSRHF
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	EDARADD EDAR associated death domain [Homo sapiens (human)]
Official Symbol	EDARADD
Synonyms	ED3; EDA3; ECTD11A; ECTD11B
Gene ID	128178
mRNA Refseq	NM_145861.2
Protein Refseq	NP_665860.2
MIM	606603
UniProt ID	Q8WWZ3

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