Ectodysplasin-A Receptor-Associated Adapter Protein (EDARADD) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ectodysplasin-A receptor-associated adapter protein (Edaradd), Recombinant Protein
Full Product Name	Recombinant Mouse Ectodysplasin-A receptor-associated adapter protein (Edaradd)
Product Gene Name	Edaradd recombinant protein
Product Synonym Gene Name	Edaradd
Sequence	MASPDDPLRS DHMAKEPVED TDPSTLSFAM SDKYPIQDTG LPKAKECDTV NSNCPPNSDD QPQGEENDFP DSTKDPLSGV SRNQPCKDRK GSCSCPSCSP RAPTISDLLN DQDLLDTIRI KLDPCHPTVK NWRNFASKWG MPYDELCFLE QRPQSPTLEF LFRNSQRTVG QLMELCRLYH RADVEKILRR WVDEEWPHRG HSDSSMHF
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	23,753 Da
Sequence Positions	1-208, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q8VHX2
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Edaradd recombinant protein	This gene was identified by its association with ectodermal dysplasia, a genetic disorder characterized by defective development of hair, teeth, and eccrine sweat glands. This protein 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.
Other Notes	Small volumes of Edaradd recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Edaradd purchase	MBS1387432 is a recombinant protein targeting Edaradd. Also known as Recombinant Mouse Ectodysplasin-A receptor-associated adapter protein (Edaradd). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Edaradd. It may not necessarily be applicable to this product.

NCBI GI #	21362526
NCBI GeneID	171211
NCBI Accession #	Q8VHX2.1
UniProt Primary Accession #	Q8VHX2
UniProt Related Accession #	Q8VHX2
NCBI Official Full Name	Ectodysplasin-A receptor-associated adapter protein
NCBI Official Synonym Full Names	EDAR (ectodysplasin-A receptor)-associated death domain
NCBI Official Symbol	Edaradd
NCBI Official Synonym Symbols	cr; A630043P06; 1810032E07Rik; 5830469M23Rik
UniProt Protein Name	Ectodysplasin-A receptor-associated adapter protein
UniProt Synonym Protein Names	EDAR-associated death domain protein; Protein crinkled
Protein Family	Ectodysplasin-A receptor-associated adapter protein
UniProt Gene Name	Edaradd
UniProt Synonym Gene Names	Cr
NCBI Protein Information	ectodysplasin-A receptor-associated adapter protein
UniProt Comments for Edaradd	Adapter protein that interacts with EDAR DEATH domain and couples the receptor to EDA signaling pathway during morphogenesis of ectodermal organs. Mediates the activation of NF-kappa-B ().
Research Articles on Edaradd	**1.** Mouse models with HED also carry Eda, Edar or Edaradd mutations and have defects that map to the same structures.We report that otitis media, rhinitis and nasopharyngitis occur at high frequency in Eda and Edar mutant mice and explore the pathogenic mechanisms related to glandular function, microbial and immune parameters in these lines
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