Dysbindin Domain-Containing Protein 1 (DBNDD1) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Dysbindin domain-containing protein 1 (Dbndd1), Recombinant Protein
Full Product Name	Recombinant Rat Dysbindin domain-containing protein 1 (Dbndd1)
Product Gene Name	Dbndd1 recombinant protein
Product Synonym Gene Name	Dbndd1
Sequence	MESPEGAGPG EITKEVKVPQ AAPSVPAHET GDTCHTPVAA VEEEVGIPIP APGFLQVTER RQPLSSVSSL EVHFDLLDLT ELTDMSDQEL AEVFADSDDE NLATESPAGL HPLSRASCLR SPSWTKTRAE QNREKQTPSD PERQGTIVDT FLTVEEPKED
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	17,329 Da
Sequence Positions	1-160, 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 Q5M831
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Dbndd1 recombinant protein	MBS1413395 is a recombinant protein targeting Dbndd1. Also known as Recombinant Rat Dysbindin domain-containing protein 1 (Dbndd1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Dbndd1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Dbndd1. It may not necessarily be applicable to this product.

NCBI GI #	348041295
NCBI GeneID	361437
NCBI Accession #	NP_001014178.2
UniProt Primary Accession #	Q5M831
UniProt Related Accession #	Q5M831
GenBank Nucleotide #	NM_001014156.1

NCBI Official Full Name	dysbindin domain-containing protein 1
NCBI Official Synonym Full Names	dysbindin domain containing 1
NCBI Official Symbol	Dbndd1
NCBI Official Synonym Symbols	RGD1310008
UniProt Protein Name	Dysbindin domain-containing protein 1
Protein Family	Dysbindin domain-containing protein
UniProt Gene Name	Dbndd1
NCBI Protein Information	dysbindin domain-containing protein 1
Research Articles on Dbndd1	**1.** a novel cardiac role of Dysbindin in the activation of RhoA-SRF and MEK1-ERK1 signaling pathways and in the induction of cardiac hypertrophy, is reported.
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