Morphine 6-Dehydrogenase Rabbit Recombinant Protein

PRODUCT OVERVIEW

Product Name	Morphine 6-dehydrogenase, Recombinant Protein
Full Product Name	Recombinant Rabbit Morphine 6-dehydrogenase
Sequence	HQRVTLNDGH SIPVLGFITY APDEVIKPGE EMFPTDEHGK SIGVSNFNHK RVXNQVEXHP YLNQSKDIVL VAYSALGSSR DPWKQSPALI ALRYQLQRGV VVLAKSFIER EIKVFGFQLS SEDMK
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	14,114 Da
Sequence Positions	1-125, 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 P82810
Species	Rabbit
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Morphine 6-dehydrogenase recombinant protein	MBS1071804 is a recombinant protein targeting Morphine 6-dehydrogenase. Also known as Recombinant Rabbit Morphine 6-dehydrogenase. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Morphine 6-dehydrogenase 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 Morphine 6-dehydrogenase. It may not necessarily be applicable to this product.

NCBI GI #	27805618
NCBI Accession #	P82810.1
UniProt Primary Accession #	P82810
NCBI Official Full Name	Morphine 6-dehydrogenase
UniProt Protein Name	Morphine 6-dehydrogenase
Protein Family	Morphine 6-dehydrogenase
UniProt Comments for Morphine 6-dehydrogenase	Catalyzes the dehydrogenation of morphine to morphinone. Uses both NAD and NADP, but the activity is much greater with NAD than with NADP.

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