Kelch Domain-Containing Protein 3 (KLHDC3) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Kelch domain-containing protein 3 (Klhdc3), Recombinant Protein
Full Product Name	Recombinant Rat Kelch domain-containing protein 3 (Klhdc3)
Product Gene Name	Klhdc3 recombinant protein
Product Synonym Gene Name	Klhdc3
Sequence	MLRWTVHLEG GPRRVNHAAV AVGHRVYSFG GYCSGEDYET LRQIDVHIFN AVSLRWTKLP PVRPAVRGQA PVVPYMRYGH STVLIDDTVF LWGGRNDTEG ACNVLYAFDV NTHKWSTPRV SGTVPGARDG HSACVLGKIM YIFGGYEQLA DCFSNDIHKL DTSTMTWTLV CTKGNPARWR DFHSATMLGN HMYVFGGRAD RFGPFHSNNE IYCNRIRVFD TRTEAWLDCP HTPVLPEGRR SHSAFGYNGE LYIFGGYNAR LNRHFHDLWK FNPGSFTWKK IEPKGKGPCP RRRQCCCIVG DKIVLFGGTS PSPEEGLGDE FDLIDHSDLH ILDFSPSLKT LCKLAVIQYN LDQSCLPHDI RWELNAMTTN SNISRPIVSS HG
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	43,109 Da
Sequence Positions	1-382, 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 Q6AYI2
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Klhdc3 recombinant protein	This protein contains six repeated kelch motifs that are structurally similar to recombination activating gene 2 (RAG2), a protein involved in the activation of the V(D)J recombination. In mouse, this gene is found to express specifically in testis. Its expression in pachytene spermatocytes is localized to cytoplasma and meiotic chromatin, which suggests that this gene may be involved in meiotic recombination.
Other Notes	Small volumes of Klhdc3 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 Klhdc3 purchase	MBS1379345 is a recombinant protein targeting Klhdc3. Also known as Recombinant Rat Kelch domain-containing protein 3 (Klhdc3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Klhdc3. It may not necessarily be applicable to this product.

NCBI GI #	58865976

NCBI GeneID	363192
NCBI Accession #	NP_001012203.1
UniProt Primary Accession #	Q6AYI2
UniProt Related Accession #	Q6AYI2
GenBank Nucleotide #	NM_001012203.1
NCBI Official Full Name	kelch domain-containing protein 3
NCBI Official Synonym Full Names	kelch domain containing 3
NCBI Official Symbol	Klhdc3
UniProt Protein Name	Kelch domain-containing protein 3
Protein Family	Kelch domain-containing protein
UniProt Gene Name	Klhdc3
NCBI Protein Information	kelch domain-containing protein 3
UniProt Comments for Klhdc3	May be involved in meiotic recombination process.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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