Kelch-Like Protein 24 (KLHL24) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Kelch-like protein 24 (Klhl24), Recombinant Protein
Full Product Name	Recombinant Rat Kelch-like protein 24 (Klhl24)
Product Gene Name	Klhl24 recombinant protein
Product Synonym Gene Name	Klhl24
Sequence	MVLILGRRLN REDLGVRDSP ATKRKVFEMD PKSLTGHEYF DFSSGSSHAE NILQIFNEFR DSRLFTDVII CVEGKEFPCH RAVLSACSSY FRAMFCNDHR ESREMLVEIN GILAEAMECF LQYVYTGKVK ITTENVQYLF ETSSLFQISV LRDACAKFLE EQLDPCNCLG IQRFADTHSL KTLFTKCKTF ALQTFEDVSQ HEEFLELDKD ELIDYICSDE LVIGKEEMVF EAVMRWVYRA VDLRRPLLHE LLTHVRLPLL HPNYFVQTVE VDQLIQNSPE CYQLLHEARR YHILGNEMMS PRTRPRRSTG YSEVIVVVGG CERVGGFNLP YTECYDPVTG EWKSLAKLPE FTKSEYAVCA LRNDILVSGG RINSRDVWIY NSQLNIWIRV ASLNKGRWRH KMAVLLGKVY VVGGYDGQNR LSSVECYDSF SNRWTEVAPL KEAVSSPAVT SCIGKLFVIG GGPDDNTCSD KVQSYDPETN SWLLRAAIPI AKRCITAVSL NNLIYVAGGL TKAVYCYDPV EDYWMHVQNT FSRQENCGMS VCNGKIYILG GRRENGEATD TILCYDPATS IITGVAAMPR PVSYHGCVTI HRYNEKCFKL
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	68,364 Da
Sequence Positions	1-600, 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 Q56A24
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Klhl24 recombinant protein	MBS1349467 is a recombinant protein targeting Klhl24. Also known as Recombinant Rat Kelch-like protein 24 (Klhl24). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Klhl24 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 Klhl24. It may not necessarily be applicable to this product.

NCBI GI #	62461585
NCBI GeneID	303803

NCBI Accession #	NP_852138.2
UniProt Primary Accession #	Q56A24
UniProt Secondary Accession #	Q812D9
UniProt Related Accession #	Q56A24
GenBank Nucleotide #	NM_181473.2
NCBI Official Full Name	kelch-like protein 24
NCBI Official Synonym Full Names	kelch-like family member 24
NCBI Official Symbol	Klhl24
NCBI Official Synonym Symbols	Dre1
UniProt Protein Name	Kelch-like protein 24
UniProt Synonym Protein Names	Kainate receptor-interacting protein for GluR6; KRIP6; Protein DRE1
Protein Family	Kelch-like protein
UniProt Gene Name	Klhl24
UniProt Synonym Gene Names	Dre1; KRIP6
NCBI Protein Information	kelch-like protein 24
UniProt Comments for Klhl24	Controls KRT14 levels during keratinocytes differentiation (). As part of the BCR(KLHL24) E3 ubiquitin ligase complex, mediates ubiquitination of KRT14 (). Specifically reduces kainate receptor-mediated currents in hippocampal neurons, most probably by modulating channel properties (PubMed:17254796).
Research Articles on Klhl24	**1.** a novel neuronal protein of the BTB/kelch family, KRIP6.
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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