Ubiquitin Carboxyl-Terminal Hydrolase 40 (USP40) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin carboxyl-terminal hydrolase 40 (USP40), Recombinant Protein
Full Product Name	Recombinant Human Ubiquitin carboxyl-terminal hydrolase 40 (USP40) , partial
Product Gene Name	USP40 recombinant protein
Product Synonym Gene Name	USP40
Sequence	TNLSGIRNQG GTCYLNSLLQ TLHFTPEFRE ALFSLGPEEL GLFEDKDKPD AKVRIIPLQL QRLFAQLLLL DQEAASTADL TDSFGWTSNE EMRQHDVQEL NRILFSALET SLVGTSGHDL IYRLYHGTIV NQIVCKECKN VSERQEDFLD LTVAVKNVSG LEDALWNMYV EEEVFDCDNL YHCGTCDRLV KAAKSAKLRK LPPFLTVSLL RFNFDFVKCE RYKETSCYTF PLRINLKPFC EQSELDDLEY IYDLFSVIIH KGGCYGGHYH VYIKDVDHLG NWQFQEEKSK PDVNLKDLQS EEEIDHPLMI LKAILLEENN LIPVDQLGQK LLKKIGISWN KKYRKQHGPL RKFLQLHSQI FLLSSDESTV RLLKNSSLQA ESDFQRNDQQ IFKMLPPESP GLNNSISCPH WFDINDSKVQ PIREKDIEQQ FQGKESAYML FYRKSQLQ
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	141,558 Da
Sequence Positions	38-485. Partial
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.
OMIM	610570
3D Structure	ModBase 3D Structure for Q9NVE5
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for USP40 recombinant protein	MBS1314951 is a recombinant protein targeting USP40. Also known as Recombinant Human Ubiquitin carboxyl-terminal hydrolase 40 (USP40) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of USP40 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 USP40. It may not necessarily be applicable to this product.

NCBI GI #	41055953
NCBI GeneID	55230
NCBI Accession #	NP_060688.1

UniProt Primary Accession #	Q9NVE5
UniProt Secondary Accession #	Q6NX38; Q70EL0
UniProt Related Accession #	Q9NVE5
GenBank Nucleotide #	NM_018218.2
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 40
NCBI Official Synonym Full Names	ubiquitin specific peptidase 40
NCBI Official Symbol	USP40
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 40
UniProt Synonym Protein Names	Deubiquitinating enzyme 40; Ubiquitin thioesterase 40; Ubiquitin-specific-processing protease 40
Protein Family	Ubiquitin carboxyl-terminal hydrolase
UniProt Gene Name	USP40
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 40
NCBI Summary for USP40	Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP40 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]).[supplied by OMIM, Mar 2008]
UniProt Comments for USP40	May be catalytically inactive.
Research Articles on USP40	**1.** present study is the first to report a lack of association between SNPs of USP40 and parkinson disease in Han Chinese patients. Other
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/ubiquitin-carboxyl-terminal-hydrolase-40-usp40/1314951