Serine/Threonine-Protein Kinase 40 (STK40) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine/threonine-protein kinase 40 (Stk40), Recombinant Protein
Full Product Name	Recombinant Mouse Serine/threonine-protein kinase 40 (Stk40)
Product Gene Name	Stk40 recombinant protein
Product Synonym Gene Name	Stk40
Sequence	MKRRASDRGA GETSANAKAL GTGIAGNNAK RAGPFVLGPR LGNSPVPSIV QCLARKDGTD DFYQLKILTL EERGEQGIES QEERQGKMLL HTEYSLLSLL HTQDGVVHHH GLFQDRTCEA VEDTESGRMV KKMKKRICLV LDCLCAHDFS DKTADLINLQ HYVIKEKRLS ERETVVIFYD VVRVVEALHQ KNIVHRDLKL GNMVLNKRTH RITITNFCLG KHLVSEGDLL KDQRGSPAYI SPDVLSGRPY RGKPSDMWAL GVVLFTMLYG QFPFYDSIPQ ELFRKIKAAE YTIPEDGRVS ENTVCLIRKL LVLDPQQRLA AADVLEALSA IIASWQSLSS LSGPLQVVPD IDDQMSSSDS SQEAKVTEEC SQYEFENYMR QQLLLAEEKS SIHEARAWVP KRQFGSMPPV RRLGHDAQPM TSLDTAILAQ RYLRK
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	50,564 Da
Sequence Positions	1-435, 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 Q7TNL3
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Stk40 recombinant protein	MBS1339669 is a recombinant protein targeting Stk40. Also known as Recombinant Mouse Serine/threonine-protein kinase 40 (Stk40). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Stk40 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 Stk40. It may not necessarily be applicable to this product.

NCBI GI #	224922843
NCBI GeneID	74178
NCBI Accession #	NP_001139299.1
UniProt Primary Accession #	Q7TNL3

UniProt Secondary Accession #	Q3U3G3; Q811D6; Q8BKT1; Q9D7K3; B1AW01
UniProt Related Accession #	Q7TNL3
GenBank Nucleotide #	NM_001145827.1
NCBI Official Full Name	serine/threonine-protein kinase 40 isoform a
NCBI Official Synonym Full Names	serine/threonine kinase 40
NCBI Official Symbol	Stk40
NCBI Official Synonym Symbols	AI428792; 2310004N11Rik
UniProt Protein Name	Serine/threonine-protein kinase 40
UniProt Synonym Protein Names	Serine/threonine-protein kinase lyk4
Protein Family	Serine/threonine-protein kinase
UniProt Gene Name	Stk40
UniProt Synonym Gene Names	Lyk4
NCBI Protein Information	serine/threonine-protein kinase 40
UniProt Comments for Stk40	May be a negative regulator of NF-kappa-B and p53-mediated gene transcription.
Research Articles on Stk40	**1.** comparison of microarray data between wild type and Stk40(-/-) E14.5 fetal liver cells reveals a potential role of aberrantly activated TNF-alpha signaling in Stk40 depletion induced dyserythropoiesis with a concomitant increase in cleaved caspase-3 and decrease in Gata1 proteins.
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/serine-threonine-protein-kinase-40-stk40/1339669