Zinc Finger Protein 598 (ZNF598) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Zinc finger protein 598 (Znf598), Recombinant Protein
Full Product Name	Recombinant Mouse Zinc finger protein 598 (Znf598) , partial
Product Gene Name	Znf598 recombinant protein
Product Synonym Gene Name	Znf598
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	98,745 Da
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 Q80YR4
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Znf598 recombinant protein	MBS1455484 is a recombinant protein targeting Znf598. Also known as Recombinant Mouse Zinc finger protein 598 (Znf598) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Znf598 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 Znf598. It may not necessarily be applicable to this product.

NCBI GI #	1143077009
NCBI GeneID	213753
NCBI Accession #	NP_001335160.1
UniProt Primary Accession #	Q80YR4
UniProt Secondary Accession #	Q6KAT0; Q8R3S1
UniProt Related Accession #	Q80YR4
GenBank Nucleotide #	NM_001348231.1
NCBI Official Full Name	E3 ubiquitin-protein ligase ZNF598 isoform 2
NCBI Official Synonym Full Names	zinc finger protein 598

NCBI Official Symbol	Zfp598
NCBI Official Synonym Symbols	Ntrap; Znf598; BC023040
UniProt Protein Name	E3 ubiquitin-protein ligase ZNF598
UniProt Synonym Protein Names	Zinc finger protein 598
Protein Family	Zinc finger protein
UniProt Gene Name	Znf598
NCBI Protein Information	E3 ubiquitin-protein ligase ZNF598; zinc finger protein 598
UniProt Comments for Znf598	E3 ubiquitin-protein ligase that plays a key role in the ribosome quality control (RQC), a pathway that takes place when a ribosome has stalled during translation. Required for ribosomes to terminally stall during translation of poly(A) sequences by mediating monoubiquitination of 40S ribosomal protein RPS10/eS10, RPS20/uS10 and RPS3/uS3. Stalling precludes synthesis of a long poly-lysine tail and initiates the RQC pathway to degrade the potentially detrimental aberrant nascent polypeptide. Also acts as a component of the 4EHP-GYF2 complex, a multiprotein complex that acts as a repressor of translation initiation.
Research Articles on Znf598	**1.** NTRAP regulates retrograde neurotrophic signaling by controlling the formation of signaling endosomes.
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