GRSF1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	GRSF1, Blocking Peptide
Full Product Name	GRSF1 Peptide
Product Gene Name	GRSF1 blocking peptide
Product Synonym Gene Name	FLJ13125
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	GRSF1 peptide (MBS3230153) is used for blocking the activity of GRSF1 antibody (MBS3205188)
Molecular Weight	53kDa
OMIM	604851
Product Categories/Family for GRSF1 blocking peptide	Peptide
Applications Tested/Suitable for GRSF1 blocking peptide	Western Blot (WB)
Related Product Information for GRSF1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-GRSF1 antibody made Target Description: GRSF1 is a cellular protein that binds RNAs containing the G-rich element. Using indirect immunofluorescence microscopy this protein was found to be localized in the cytoplasm.The protein encoded by this gene is a cellular protein that binds RNAs containing the G-rich element. Using indirect immunofluorescence microscopy this protein was found to be localized in the cytoplasm. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.The protein encoded by this gene is a cellular protein that binds RNAs containing the G-rich element. The protein is localized in the cytoplasm, and has been shown to stimulate translation of viral mRNAs in vitro. Multiple transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of GRSF1 blocking peptide 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 GRSF1 purchase	MBS3230153 is a blocking peptide targeting GRSF1. Also known as GRSF1 Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GRSF1. It may not necessarily be applicable to this product.

NCBI GI #	1519312624
NCBI GeneID	2926
NCBI Accession #	NP_002083
UniProt Primary Accession #	Q12849
UniProt Related Accession #	Q12849
GenBank Nucleotide #	NM_002092
NCBI Official Full Name	G-rich sequence factor 1 isoform 1

NCBI Official Synonym Full Names	G-rich RNA sequence binding factor 1
NCBI Official Symbol	GRSF1
UniProt Protein Name	G-rich sequence factor 1
Protein Family	G-rich sequence factor
UniProt Gene Name	GRSF1
UniProt Synonym Gene Names	GRSF-1
UniProt Entry Name	GRSF1_HUMAN
NCBI Protein Information	G-rich sequence factor 1
NCBI Summary for GRSF1	The protein encoded by this gene is a cellular protein that binds RNAs containing the G-rich element. The protein is localized in the cytoplasm, and has been shown to stimulate translation of viral mRNAs in vitro. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Research Articles on GRSF1	**1.** GRSF1 positively regulates degradosome-dependent decay of non-coding mitochondrial transcripts that form G4 structures. Comprehensive molecular analyses revealed that GRSF1 melts G4 RNA structures in mtRNAs, which facilitates their degradation by the hSuv3-PNPase complex both in vitro and in vivo.
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