FRA10AC1 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	FRA10AC1, Blocking Peptide
Full Product Name	FRA10AC1 Peptide - C-terminal region
Product Gene Name	FRA10AC1 blocking peptide
Product Synonym Gene Name	FRA10AC1;C10orf4;PRO2972;
Sequence	Synthetic peptide located within the following region: HHRRKEIKSK KRKDKTKKDC EESSHKKSRL SSAEEASKKK DKGHSSSKKS
Species Reactivity	Human
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	FRA10AC1 peptide (MBS3242709) is used for blocking the activity of FRA10AC1 antibody (MBS3217815)
Molecular Weight	30kDa
OMIM	608866
Product Categories/Family for FRA10AC1 blocking peptide	Peptide
Applications Tested/Suitable for FRA10AC1 blocking peptide	Western Blot (WB)
Related Product Information for FRA10AC1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-FRA10AC1 Antibody, made Target Description: The protein encoded by this gene is a nuclear phosphoprotein of unknown function. The 5' UTR of this gene is part of a CpG island and contains a tandem CGG repeat region that normally consists of 8-14 repeats but can expand to over 200 repeats. The expanded allele becomes hypermethylated and is not transcribed; however, an expanded repeat region has not been associated with any disease phenotype. This gene is found within the rare FRA10A folate-sensitive fragile site.
Other Notes	Small volumes of FRA10AC1 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 FRA10AC1 purchase	MBS3242709 is a blocking peptide targeting FRA10AC1. Also known as FRA10AC1 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FRA10AC1. It may not necessarily be applicable to this product.

NCBI GI #	24432067
NCBI GeneID	118924
NCBI Accession #	NP_660289
UniProt Primary Accession #	Q70Z53
UniProt Related Accession #	Q70Z53

GenBank Nucleotide #	NM_145246.5
NCBI Official Full Name	protein FRA10AC1
NCBI Official Synonym Full Names	FRA10A associated CGG repeat 1
NCBI Official Symbol	FRA10AC1
NCBI Official Synonym Symbols	FRA10A; C10orf4; F26C11.1-like
UniProt Protein Name	Protein FRA10AC1
Protein Family	Protein
UniProt Gene Name	FRA10AC1
UniProt Synonym Gene Names	C10orf4
UniProt Entry Name	F10C1_HUMAN
NCBI Protein Information	protein FRA10AC1
NCBI Summary for FRA10AC1	The protein encoded by this gene is a nuclear phosphoprotein of unknown function. This gene contains a tandem CGG repeat region within a CpG island that normally consists of 8-14 repeats but can expand to over 200 repeats. The repeat region is within the 5' UTR of some transcript variants, but is intronic to another variant. The expanded repeat allele is a fragile site and becomes hypermethylated, causing a reduction in gene expression. A disease phenotype has not been associated with expanded alleles. This gene is found within the rare FRA10A folate-sensitive fragile site. [provided by RefSeq, Dec 2016]
Research Articles on FRA10AC1	**1.** variants in FRA10AC1 associated with CSF Abeta1-42 level passing the genome-wide significance threshold, were identified.
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