

FXR1 Blocking Peptide (N-term)

Synthetic peptide Catalog # BP20184a

Specification

FXR1 Blocking Peptide (N-term) - Product Information

Primary Accession P51114

Other Accession Q5XI81, Q61584,

070523, Q2TBT7,

NP 005078.2

FXR1 Blocking Peptide (N-term) - Additional Information

Gene ID 8087

Other Names

Fragile X mental retardation syndrome-related protein 1, hFXR1p, FXR1

Target/Specificity

The synthetic peptide sequence is selected from aa 52-66 of HUMAN FXR1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FXR1 Blocking Peptide (N-term) - Protein Information

Name FXR1

Function

RNA-binding protein required for embryonic and postnatal development of muscle tissue (PubMed:<a href="http://www.uniprot.org/c

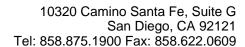
FXR1 Blocking Peptide (N-term) -**Background**

The protein encoded by this gene is an RNA binding protein that interacts with the functionally-similar proteins FMR1 and FXR2. These proteins shuttle between the nucleus and cytoplasm and associate with polyribosomes, predominantly with the 60S ribosomal subunit. Three transcript variants encoding different isoforms have been found for this gene.

FXR1 Blocking Peptide (N-term) -References

128(6):1105-1118(2007)

Coffee, R.L. Jr., et al. Dis Model Mech 3 (7-8), 471-485 (2010): Darnell, J.C., et al. Hum. Mol. Genet. 18(17):3164-3177(2009) Purcell, S.M., et al. Nature 460(7256):748-752(2009) Davidovic, L., et al. J. Med. Genet. 45(10):679-685(2008) Vasudevan, S., et al. Cell





itations/30770808" target="_blank">30770808). May regulate intracellular transport and local translation of certain mRNAs (By similarity).

Cellular Location

Cytoplasm, cytosol. Note=Adjacent to Z-lines in muscles {ECO:0000250|UniProtKB:Q61584}

Tissue Location

Expressed in all tissues examined including heart, brain, kidney and testis.

FXR1 Blocking Peptide (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides