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TMEM132A Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20008b

Specification

TMEM132A Blocking Peptide (C-term) - Product Information

Primary Accession	Q24JP5
Other Accession	Q80WF4, Q922P8, NP_060340.2

TMEM132A Blocking Peptide (C-term) - Additional Information

Gene ID 54972

Other Names
Transmembrane protein 132A, HSPA5-binding protein 1, TMEM132A, HSPA5BP1, KIAA1583

Target/Specificity
The synthetic peptide sequence is selected from aa 1007-1020 of HUMAN TMEM132A

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.

TMEM132A Blocking Peptide (C-term) - Protein Information

Name TMEM132A

Synonyms HSPA5BP1, KIAA1583

Function
May play a role in embryonic and postnatal development of the brain. Increased resistance to cell death induced by serum starvation in cultured cells. Regulates cAMP-induced GFAP gene expression via STAT3 phosphorylation (By similarity).

Cellular Location
Golgi apparatus membrane; Single- pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein

TMEM132A Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

TMEM132A Blocking Peptide (C-term) - Images

TMEM132A Blocking Peptide (C-term) - Background

This gene encodes a protein that is highly similar to the rat Grp78-binding protein (GBP). Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq].

TMEM132A Blocking Peptide (C-term) - References

Oh-hashi, K., et al. FEBS Lett. 580(16):3943-3947(2006)
Oh-hashi, K., et al. J. Biol. Chem. 278(12):10531-10537(2003)
Nakayama, M., et al. Genome Res. 12(11):1773-1784(2002)
Lee, E., et al. J. Cell Biol. 154(5):983-993(2001)