Bioworld Technology CO., Ltd.

SLC39A9 Peptide

Cat No.: BS5888P

Background

ZIP9 (Zinc transporter ZIP9, Solute carrier family 39 member 9) is a multi-pass (seven transmembrane regions) membrane protein that belongs to the ZIP transporter (TC 2.A.5) family. Zinc transporters all have transmembrane domains, and are encoded by two SLC (solute-linked carrier) gene families: ZnT (SLC30) and Zip (SLC39). There are at least 9 ZnT and 15 Zip transporters in human cells. Zip transporters are believed to increase intracellular zinc by promoting zinc uptake. This may be facilitated by vesicles within the cell that release release into the cytoplasm. Zip and ZnT transporter families exhibit tissue-specific expression and respond differently to zinc deficiency and excess. ZIP9 has been shown to localize to the trans-Golgi network regardless of zinc presence. ZIP9 is believed to function as a zinc homeostasis regulator acting in the secretory pathway.

Swiss-Prot

Q9NUM3

Applications

Blocking

Specificity

This peptide can be used with studies using BS5888 SLC39A9 pAb.

Purification & Purity

Synthetic peptide SLC39A9. (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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