Recombinant Human TRAPPC4

Catalog No: #GP12433

Package Size: #GP12433-1 100ug

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Description

Product Name	Recombinant Human TRAPPC4
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	trafficking protein particle complex 4
Other Names	SBDN; TRS23; PTD009; CGI-104; HSPC172; SYNBINDIN
Accession No.	Swissprot:Q9Y296Gene Accession:BC010866
Uniprot	Q9Y296
GeneID	51399;
Storage	-20~-80°C, pH 7.6 PBS

Background

TRAPPC4 (trafficking protein particle complex 4), also known as SBDN, TRS23, PTD009, CGI-104, HSPC172 (hematopoietic stem/progenitor cell protein 172) or SYNBINDIN, is a postsynaptic protein belonging to the TRAPPC4 subfamily of the TRAPP small subunits family of proteins. Expressed in neurons and localizing to the Golgi apparatus, TRAPPC4 is believed to be involved in vesicular transport from the endoplasmic reticulum (ER) to the Golgi, functioning as a component of the multisubunit transport protein particle (TRAPP) complex. Similar to other proteins involved in vesicular transport or synaptic function, TRAPPC4 contains a nonclassical PDZ domain, a TRAPPC1-like domain and a C-terminus that is similar to a short segment of RyR. Via its nonclassical PDZ domain, TRAPPC4 binds to the C-terminal EFYA motif of Syndecan-2, suggesting that TRAPPC4 may play an important role in dendritic spine morphogenesis through membrane-trafficking. May play a role in vesicular transport from endoplasmic reticulum to Golgi.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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