

Recombinant Human ACTL7B

Catalog No: #GP10941



Package Size: #GP10941-1 100ug

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Description

Product Name	Recombinant Human ACTL7B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human actin-like 7B
Target Name	actin-like 7B
Other Names	Tact1
Accession No.	Swissprot:Q9Y614Gene Accession:BC033789
Uniprot	Q9Y614
GeneID	10880;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a member of a family of actin-related proteins (ARPs) which share significant amino acid sequence identity to conventional actins. Both actins and ARPs have an actin fold, which is an ATP-binding cleft, as a common feature. The ARPs are involved in diverse cellular processes, including vesicular transport, spindle orientation, nuclear migration and chromatin remodeling. This gene (ACTL7B), and related gene, ACTL7A, are intronless, and are located approximately 4 kb apart in a head-to-head orientation within the familial dysautonomia candidate region on 9q31. Based on mutational analysis of the ACTL7B gene in patients with this disorder, it was concluded that it is unlikely to be involved in the pathogenesis of dysautonomia.

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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