

Recombinant Human ACTR1A

Catalog No: #GP10944

Package Size: #GP10944-1 100ug

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Description

Product Name	Recombinant Human ACTR1A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human ARP1 actin-related protein 1 homolog A, cetractin alpha (yeast)
Target Name	ARP1 actin-related protein 1 homolog A, cetractin alpha (yeast)
Other Names	ARP1; CTRN1
Accession No.	Swissprot:P61163Gene Accession:BC000693
Uniprot	P61163
GenelD	10121;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a 42.6 kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit is present in 8-13 copies per dynactin molecule, and is the most abundant molecule in the dynactin complex. It is an actin-related protein, and is approximately 60% identical at the amino acid level to conventional actin.?

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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