

Recombinant Human NGEF

Catalog No: #GP13187



Package Size: #GP13187-1 100ug

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Description

Product Name	Recombinant Human NGEF
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 511-710 amino acids of human NGEF
Target Name	neuronal guanine nucleotide exchange factor
Other Names	EPHEXIN; ARHGEF27
Accession No.	Swissprot:Q8N5V2Gene Accession:BC031573
Uniprot	Q8N5V2
GeneID	25791;
Storage	-20~-80°C, pH 7.6 PBS

Background

Acts as a guanine nucleotide exchange factor (GEF) which differentially activates the GTPases RHOA, RAC1 and CDC42. Plays a role in axon guidance regulating ephrin-induced growth cone collapse and dendritic spine morphogenesis. Upon activation by ephrin through EPHA4, the GEF activity switches toward RHOA resulting in its activation. Activated RHOA promotes cone retraction at the expense of RAC1- and CDC42-stimulated growth cone extension (By similarity).

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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