

## NGEF 抗原（重组蛋白）

中文名称：NGEF 抗原（重组蛋白）

英文名称：NGEF Antigen (Recombinant Protein)

别名：neuronal guanine nucleotide exchange factor; EPHEXIN; ARHGEF27

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 511-710 amino acids of human NGEF

技术规格：

<b>Full name:</b>	neuronal guanine nucleotide exchange factor
<b>Synonyms:</b>	EPHEXIN; ARHGEF27
<b>Swissprot:</b>	Q8N5V2
<b>Gene Accession:</b>	BC031573
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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).