

Recombinant Human Grancalcin protein ab103054

1 图像

描述	
产品名称	重组人Grancalcin蛋白
纯度	> 95 % SDS-PAGE. ab103054 was purified using conventional chromatography.
表达系统	Escherichia coli
Accession	<u>P28676</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMAYPGYGGGFGNFSIQVPGM QMGQPVPETG PAILLDGYSGPAYSDTYSSAGDSVYTYFSAVAGQDGEVDAEE LQRCLTQS GINGTYSFSLCTCRIMIAMLDRDHTGKMGFNAFKELWAALN AWKENFMT VDQDGS GTVEHHEL RQAIGLMGYRLSPQTLTTIVKRYSKNGR IFFDDYVA CCVKLRALTDFFRKRDLQQGSANFIYDDFLQGTMAI
预测分子量	26 kDa including tags
氨基酸	1 to 217
标签	His tag N-Terminus

技术指标	
Our <u>Abpromise guarantee</u> covers the use of ab103054 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

制备和贮存

稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

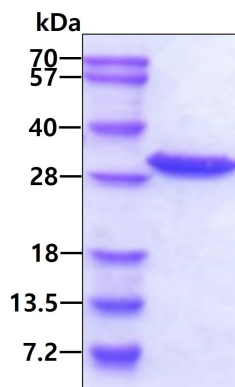
相关性

Grancalcin is a calcium binding protein abundant in neutrophils and macrophages. It belongs to the penta EF hand subfamily of proteins which includes sorcin, calpain, and ALG2. Grancalcin localization is dependent upon calcium and magnesium. In the absence of divalent cation, grancalcin localizes to the cytosolic fraction; with magnesium alone, it partitions with the granule fraction; and in the presence of magnesium and calcium, it associates with both the granule and membrane fractions, suggesting a role for grancalcin in granule membrane fusion and degranulation.

细胞定位

50% cytoplasmic, the remainder being attached to the membranes and granules.

图片



SDS-PAGE of ab103054 (3µg) under reducing condition and visualized by coomassie blue stain.

SDS-PAGE - Recombinant Human Grancalcin protein (ab103054)

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