

# Product Datasheet

## Recombinant Human Grancalcin His Protein NBP1-50967-0.05mg

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-50967-0.05mg**

Recombinant Human Grancalcin His Protein

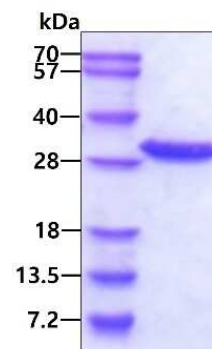
Product Information	
Unit Size	0.05 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1 M NaCl
Target Molecular Weight	26.1 kDa

Product Description	
Description	<p>A recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-217 of Human Grancalcin</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SGLVPRGSH MAYPGYGGGF GNFSIQVPGM QMGQPVPETG PAILLDGYSG PAYSPTYSSA GDSVYTYFSA VAGQDGEVDA EELQRCLTQS GINGTYSPPFS LETCRIMIAM LDRDHTGKMG FNAFKELWAA LNAWKENFMT VDQDGSSTVE HHELRLQAIQL MGYRLSPQTL TTIVKRYSKN GRIFFDDYVA CCVKLRALTD FFRKRDHLQQ GSANFIYDDF LQGTMAI</p>
Gene ID	25801
Gene Symbol	GCA
Species	Human

Product Application Details	
Applications	SDS-Page
Recommended Dilutions	SDS-Page

**Images**

SDS-Page: Recombinant Human Grancalcin His Protein [NBP1-50967] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.



## Publications

Nan-Yu Zou, Ran Liu, Mei Huang, Yu-Rui Jiao, Jie Wei, Yangzi Jiang, Wen-Zhen He, Min Huang, Yi-Li Xu, Ling Liu, Yu-Chen Sun, Mi Yang, Qi Guo, Yan Huang, Tian Su, Ye Xiao, Wei-Shan Wang, Chao Zeng, Guang-Hua Lei, Xiang-Hang Luo, Chang-Jun Li Age-related secretion of grancalcin by macrophages induces skeletal stem/progenitor cell senescence during fracture healing Bone Research 2024-01-25 [PMID: 38267422]

Li CJ, Xiao Y, Sun YC Et al. Senescent immune cells release grancalcin to promote skeletal aging Cell metabolism 2021-10-05 [PMID: 34614408]





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### **Products Related to NBP1-50967-0.05mg**

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NBP1-89786PEP	Grancalcin Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP1-89785	Grancalcin Antibody - BSA Free
M6000B-1	IL-6 [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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