

Grancalcin Human Recombinant

Item Number	rAP-3753
Synonyms	Grancalcin EF-hand calcium binding protein, GCL, Grancalcin penta-EF-hand protein.
Description	GCA produced in E.Coli is a single, non-glycosylated polypeptide chain containing 237 amino acids (1-217.a.) and having a molecular mass of 26.1kDa. GCA is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P28676
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MAYPGYGGGF GNFSIQVPGM QMGQPVPETG PAILLDGYSG PAYSDTYSSA GDSVYTYFSA VAGQDGEVDA EELQRCLTQS GINGTYSPFS LETCRIMIAM LDRDHTGKMG FNAFKELWAA LNAWKENFMT VDQDGSQTVE HHEL RQAIGL MGYRLSPQTL TTIV- KRYSKN GRIFFDDYVA CCVKLRALTD FFRKRDHLQQ GSANFIYDDF LQGTMAI
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
Formulation and Purity	The GCA protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 0.1M NaCl and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**