

Grn

Recombinant Mouse Progranulin

Catalog No.	CRM033A CRM033B	Quantity:	10 µg 50 µg
Alternate Names:	Progranulin, PGRN, Acrogranin, Epithelin/granulin precursor, Glycoprotein of 88 Kda, GP88, Glycoprotein 88, PC cell-derived growth factor, PCDGF, Proepithelin, PEPI		
Description:	<p>Progranulin (PGRN) is a widely expressed pluripotent growth factor which plays a role in processes such as development, wound repair and inflammation by activating signaling cascades that control cell cycle progression and cell motility. Its function in the central nervous system is of interest, as mutations in the PGRN gene were found in cases of frontotemporal degeneration (FTLD). In addition, PGRN has also been linked to tumorigenesis. Progranulin is a biomarker for FTLD, other types of Alzheimer's Disease (AD) and potentially for MCI (Mild Cognitive Impairment). Additionally, PGRN is described as a new ligand of TNF receptors and a potential therapeutic against inflammatory disease like arthritis.</p> <p>Recombinant Mouse Progranulin is composed of a signal peptide and mouse progranulin (aa 1-589) is untagged. Reflects the native sequence with no additional aa.</p>		
UniProt ID:	P28798		
Gene ID:	14824		
Source:	HEK 293 cells		
Molecular Weight:	~90 kDa (glycosylated) by SDS-PAGE		
Formulation:	Lyophilized from PBS.		
Purity:	≥95% (SDS-PAGE)		
Endotoxin Level:	<0.01 EU/µg purified protein as determined by LAL test (Lonza).		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Upon receipt, store lyophilized product at -20°C to -80°C for at least 6 months. After reconstitution, store aliquots of the stock solution at -20°C to -80°C for up to 3 months. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com