Recombinant Human GRAM Domain Containing 3, His-tagged

Cat. No. GRAMD3-2175H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRAM Domain Containing 3 is produced in*E. coli*andfused at the N-terminus to a His-tag. MW= 69 kDa.
Species	Human
Source	E.coli
Description	An evaluation of the RPE signature genes in a recently completed AMD genomewide association (GWA) data set revealed that TIMP3, GRAMD3, PITPNA and CHRNA3 signature genes may have potential roles in AMD pathogenesis and deserve further examination. We propose that RPE signature genes are excellent candidates for retinal diseases and for physiological investigations (e.g. dopachrome tautomerase in melanogenesis). The RPE signature gene set should allow the validation of RPE-like cells derived from human embryonic or induced pluripotent stem cells for cell-based therapies of degenerative retinal diseases.
Concentration	379ng/μl (5μM).
Purity	≥85% (SDS-PAGE).
Formulation	Liquid. In 25mM HEPES, pH 7.6, containing 1mM EDTA, 3mM DTT, 0.5M sodium chloride, 0.2% Triton X-100 and 20% glycerol.
Biological Activity	IC50 (lot-specific).

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Application	Suitable for screenings.
Storage And Stability	-80°C. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	GRAMD3 GRAM domain containing 3 [Homo sapiens]
Synonyms	GRAMD3; GRAM domain containing 3; NS3TP2; FLJ21313; GRAM domain-containing protein 3; HCV NS3-transactivated protein 2; hepatitis C virus nonstructural protein 3-transactivating protein 2
Gene ID	65983
mRNA Refseq	NM_001146319
Protein Refseq	NP_001139791
UniProt ID	Q96HH9
Chromosome Location	5q23.2

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA