

Recombinant Human GRM8 protein, His-tagged

Cat. No. GRM8-13546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRM8 protein(31-400 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	31-400 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	THSQEYAH SIRVDGDIILGGLFPVHAKGERGVPCGELKKEKGIHRLEAMLYAIDQINK DPDLLSNITLGVRILDTCSRDTYALEQSLTFVQALIEKDASDVKCANGDPPIFTKPKDKI SGVIGAAASSVSIMVANILRLFKIPQISYASTAPELSDNTRYDFFSRVVPPDSYQAQA MVDIVTALGWN YVSTLASEGNYGESGVEAFTQISREIGGVCI AQSQKIPREPRPGEF EKIIKRLLETPNARAVIMFANEDDIRRILEAAKKLNQSGHFLWIGSDSWGSKIAPVYQQ EEIAEGAVTILPKRASIDGFD RYFRSRTLANNRRNVWFAEFWEENFGCKLGSHGKR NSHIKKCTGLERIARDSSYEQEG
Purity	90%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

 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

reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name GRM8 glutamate receptor, metabotropic 8 [Homo sapiens]

Official Symbol GRM8

Synonyms GRM8; glutamate receptor, metabotropic 8; metabotropic glutamate receptor 8; GLUR8; GPRC1H; mGlu8; MGLUR8; FLJ41058; MGC126724;

mRNA Refseq NM_000845

Protein Refseq NP_000836

MIM 601116

UniProt ID O00222

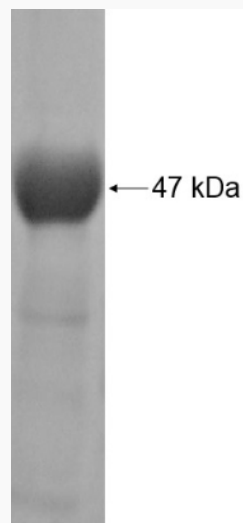
Gene ID 2918

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SDS-PAGE



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