

Recombinant Full Length Dictyostelium Discoideum Metabotropic Glutamate Receptor-Like Protein F(Gr1f) Protein, His-Tagged

Cat. No. RFL30935DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Dictyostelium discoideum Metabotropic glutamate receptor-like protein F(Gr1f) Protein (Q54SW3) (23-770aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dictyostelium Discoideum
Source	E.coli
ProteinLength	Full Length of Mature Protein (23-770)
Form	Lyophilized powder
AA Sequence	QNKTCISVLLSGDKSDLGYNYMMNEARVLAESQLHMYPFISIYYEHLEESTLEAEHA IQD SVDKGANLIVVSSVIHFSLGVKYATKYKDEPIYWIIRGSKLVPTLPKVVILNFNSFE LHY LLGYAYGLATKTGVVGVFVSPGIGINTLSCDNSFYIGAKYARSNITFLDIHTGSWY NPEVS YKAAQKLIENGADVIGMSQDDMSVQKAIMDSGGLGLGVTGYPGHYQFGSD VAYSYLTNWT NLFITYANHVINDDWPAFDSFFTNLSRKDAIFMDDFSFRVPIDIQTKT KIELENLMNTSY APYKSDPILESIGLQFSGNWINDTQFRANTKILPSYGDSTVDYPES LKIGVTVVSGFCIF LCLISMIIVIKFKEAKVIKSSSPIFCLLILFGCIVIFVGCIMFARSPTD GSCRSRVWLLS LGYTIFLGNLMVKNWRIWLLFDNPKLKKRAITNWKLYPWVSGIVIID IVILSIWQALGDI VAESRTGIDSLTKYEYRNVCASSDQGSIALYLLLVFHGLILLVACFIS FKIKVVDIEEFN ESKPITTSVYIITFCLFIVIPIMVSSPTVTTQTTIICICALITTMLSIILLFG

 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

TKFFKMI TVGLELGQTFVTSTKSSSHSQRTKSSKSSNGSGPKINGFGGNVLNLDDD
SDEISSEKEKK KPIESNP KDHMAVFTSDEETSKASKFSSEQFSREQINDNIILENNND
NEEKQKDEEEIKE EKLLVSEIQAKRLSLEQNGQTEIDSNDV

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name grlF

Synonyms grlF; DDB_G0282175; Metabotropic glutamate receptor-like protein F

UniProt ID [Q54SW3](#)

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