

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

Cat. No. RFL31885DF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Dictyostelium discoideum Metabotropic glutamate receptor-like protein E(grle) Protein (Q54ET0) (28-816aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dictyostelium Discoideum
Source	E.coli
ProteinLength	Full Length of Mature Protein (28-816)
Form	Lyophilized powder
AA Sequence	<p>EVVKPNPAKPDELVI AFMSPYFDPEY TQYSGAAEYALSKFNETFKTKYSKTIKLHTFT DT NDVIDSLDLVTMPVNGIVGPAYSGSSSTACL VFGAFVPSISFYATGASLSNSGS YPYFQ RVMPDRLQVQAIL SLLKKNGWTRVSCIHTNEDYNGGGADQLVQQSNAQG ITVNTNQ AID PVDNGIAPEQLYYDIVFDNLEAAKSRVIVLYALFPPDCLEIWKQAKARG FLGEGFTWIVT DGCAELTGGTDPDLLGVLATFPSYGLGTEAYTDFERTIVNDYNNNT GDAFYKGASFSYDA TYAMLMGIEAVLAKGGDPWDGEQVRTELRLNLFNGITGTIAF DKNTGDRLYGEFALLNLI NSTKGSFDP IGTKINPDSGEITLKS DILYSGPTYKVP SDYQ VVVFDRTL NIVLGVITGVCV LIVIGIGSVIALQWRKFRYSSPLFCMFIIGALMGLASVFT LLPTPTTPLCSGFPWLLGL GYVIVFGTLFTKTWRTWRLFSNARKFKIIRITNKFIITLVG GFVLLESIFMIIWTAVDRP IPLAEPIFKAGEAQLQCTSDSEAWWYVVFYKVFYILFGV</p>

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FLAFKTRNVVDSLNESKPIT LALYNLTFVMVVAIALGFILRDNPIAIIVIQTIALLGFTVT
 VSVLFLPKVWMILSGQQH SMDSIGTSMDSMGRSNGNTTEAESTRGYTNKDYNQNS
 VGRSFSAHATGFKDVAPSNHPQL GIVYTG GDNFPRV GSSQTAASRSEAEINVSKDV
 LAKANKKNEEEFGEFFLKPSEDNILKK KKKKKNNNK

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 grIE

Synonyms grIE; GluPR; DDB_G0291356; Metabotropic glutamate receptor-like protein E; DdmGluPR; GABA-B receptor-like protein grIE

UniProt ID [Q54ET0](#)

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