

Recombinant Human GCKR Protein, His-SUMO-tagged

Cat. No. GCKR-1223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Human GCKR Protein (1-625aa) was expressed in E. coli with N-terminal His-SUMO-tag.

Species Human

Source E.coli

ProteinLength 1-625 a.a.

Form Tris-based buffer, 50% glycerol.

Molecular Mass 84.7 kDa

AA Sequence

MPGTKRFQHVIETPEPGKWELSGYEAAVPITEKSNPLTQDLDKADAENIVRLLGQCD
 AEIFQEEGQALSTYQRLYSESILTTMVQVAGKVQEVLEKPDGGLVVLSSGGTSGRM
 AFLMSVSNQLMKGLGQKPLYTYLIAGGDRSVVASREGTEDSALHGIEELKKVAAGK
 KRVIVIGISVGLSAPFVAGQMDCCMNNTAVFLPVLVGFNPVSMARNDPIEDWSSTFR
 QVAERMQKMQEKKAFVLNPAIGPEGLSGSSRMKGGSATKILLETLLLAHKTVDQ
 GIAASQRCLLEILRTFERAHQVTYSQSPKIATLMKSVSTSLEKKGHVYLVGWQTLGIIA
 IMDGVECIHTFGADFRDVRGFLIGDHSDMFNQKAEELTNQGPQFTFSQEDFLTSILPSL
 TEIDTVVFIFTLDDNLTEVQTIQVKEKTNHIQALAHSTVGQTLPIPLKLFPSIISITW
 PLLFFEYEGNFIQKFQRELSTKWWLNTVSTGAHVLLGKILQNHMLDLRISNSKLFWRA
 LAMLQRFSGQSKARCIESLLRAIHFPQPLSDDIRAAPISCHVQVAHEKEQVIPIALLSLL
 FRCSITEAQAHLAAAPSVCEAVRSALAGPGQKRTADPLEILEPDVQ

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

Storage The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name GCKR glucokinase regulator [Homo sapiens (human)]

Official Symbol GCKR

Synonyms GKRP; FGQTL5; GCKR

Gene ID 2646

mRNA Refseq NM_001486.3

Protein Refseq NP_001477.2

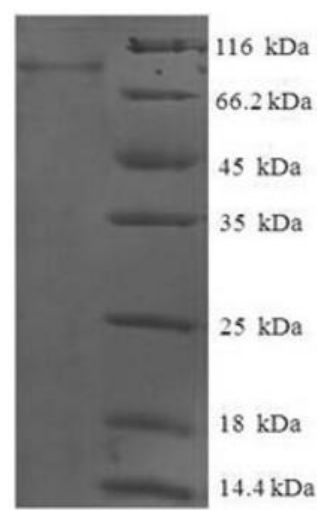
MIM 600842

UniProt ID Q14397

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