

Recombinant Human KCTD5 protein, GST-tagged

Cat. No. KCTD5-3619H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human KCTD5 protein(1-234 aa), fused with N-terminal GST tag, was expressed in E.coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-234 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 8.0). 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 100 mM reduced glutathione (GSH). |
| AASequence | MAENHCELLSPARGGIGAGLGGGLCRRCSAGLGALAQRPGSVSKWVRLNVGGTYF LTTTRQTLCRDPKSFYRLCQADPDLSDKDETGAYLIDRDPTYFGPVLNLYLRHGKLV NKDLAEEGVLEEAEFYNITSLIKLVKDKIRERDSKTSQVPVKHVYRVLQCQEEELTQM VSTMSDGWKFEQLVSISSYNYGNEDQAEFLCVVSKELHNTPTYGTASEPSEKAKIL QERGSRM |
| Purity | 80%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid |

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [KCTD5 potassium channel tetramerisation domain containing 5 \[Homo sapiens \]](#)

Official Symbol [KCTD5](#)

Synonyms KCTD5; potassium channel tetramerisation domain containing 5; BTB/POZ domain-containing protein KCTD5; FLJ20040;

Gene ID [54442](#)

mRNA Refseq [NM_018992](#)

Protein Refseq [NP_061865](#)

MIM [611285](#)

UniProt ID [Q9NXV2](#)

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SDS-PAGE



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