

Recombinant Human KCTD10 protein, GST-tagged

Cat. No. KCTD10-291H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCTD10 protein(1-313 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-313 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	MEEMSGESVSVSSAVPAAATRTTSFKGTSPSSKYVKLNVGALYYTTMQTLTKQDTM LKAMFSGRMEVLTDSEGWILIDRCGKHFGTILNYLRDGAVPLPESRREIEELLA EAKY YL VQGLVEECQAALQNKDTYPEFCKVPVITSSKEEQKLIATSNKPAVKLLYNRSNNK YSYTSNSDDNMLKNIELFDKLSLRFNGRVLFIKDVIGDEICCWSFYGGQRKIAEVCCT SIVYATEKKQTKVEFPEARIEETLNILLYEAQDGRGPDNALLEATGGAAGRSHHLDE DEERERIERVRRRIHIKRPDDRAHLHQ
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,

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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 KCTD10 potassium channel tetramerisation domain containing 10 [Homo sapiens]

Official Symbol KCTD10

Synonyms ULRO61; MSTP028; hBACURD3

mRNA Refseq NM_031954.3

Protein Refseq NP_114160.1

MIM 613421

UniProt ID Q9H3F6

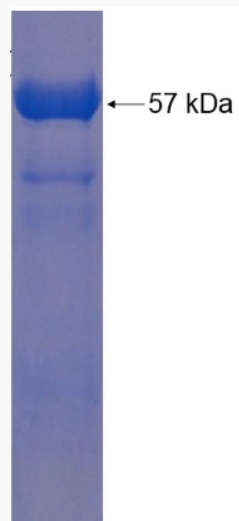
Gene ID 83892

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SDS-PAGE



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