

Recombinant Human IQCK protein, GST-tagged

Cat. No. IQCK-6743H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IQCK protein(1-287 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-287 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.
AASequence	MAAPRQIPSHIVRLKPSCSTDSSFTRTPVPTVSLASRELPVSSWQVTEPSSKNLWEQ ICKEYEAEQPPFPEGYKVKQEPVITVAPVEEMLFHGFSAEHYFPVSHFTMISRTPCP QDKSETINPKTCSKEYLETFFIFPVLLPGMASLLHQAKKEKCFERKRTKFIACDFLTE WLYNQNPKRAGEPFTEFFSIPFVEERLQKQHPRPPIPLSLLLTEEEAALYIQSFWRACV VRCDPEIQELRQWQKKLREAKHIHQVKIFWAKQEQVKCKMEDDAVPAAKMKIPS S
Purity	85%, 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

 Tel: 1-631-559-9269 1-516-512-3133

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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	IQCK IQ motif containing K [Homo sapiens]
Official Symbol	IQCK
Synonyms	IQCK; IQ motif containing K; IQ domain-containing protein K; FLJ36575; MGC35048; FLJ20115;
Gene ID	124152
mRNA Refseq	NM_153208
Protein Refseq	NP_694940
UniProt ID	Q8NOW5

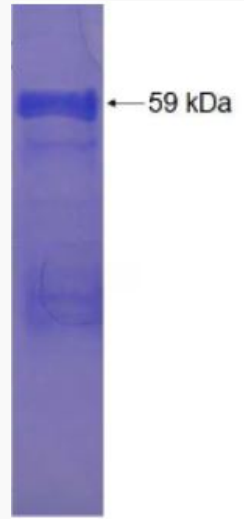
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SDS-PAGE



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