Recombinant Full Length Human IQCK Protein, GST-tagged

Cat. No. IQCK-5716HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IQCK full-length ORF (NP_694940.1, 1 a.a. - 287 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	287 amino acids
Description	This gene belongs to the IQ motif-containing family of proteins. The IQ motif serves as a binding site for different EF-hand proteins such as calmodulin. This gene was identified as a potential candidate gene for obsessive-compulsive disorder in a genome-wide association study. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2015]
Molecular Mass	59.7 kDa
AA Sequence	MAAPRQIPSHIVRLKPSCSTDSSFTRTPVPTVSLASRELPVSSWQVTEPSSKNLWEQ ICKEYEAEQPPFPEGYKVKQEPVITVAPVEEMLFHGFSAEHYFPVSHFTMISRTPCP QDKSETINPKTCSPKEYLETFIFPVLLPGMASLLHQAKKEKCFERKRTKFIACDFLTE WLYNQNPKRAGEPFTEFFSIPFVEERLKQHPRPPIPLSLLLTEEEAALYIQSFWRACV VRCDPEIQELRQWQKKLREAKHIHQQVKIFWAKQEQKVKCKMEDDAVPAAKMKIPS S
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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	Q8N0W5

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