

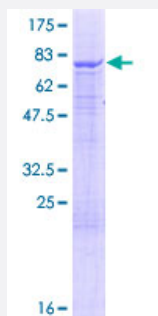
Full-Length

IQCB1 (Human) Recombinant Protein (P01)

Catalog # H00009657-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IQCB1 full-length ORF (NP_001018865.1, 1 a.a. - 465 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKPTGTDPRILSIAAEVAKSPEQNPVILLKLKEIINITPLGSSELKKIKQDIYCYDLIQYCLLVLSQDYS
RIQGGWTTISQLTQILSHCCVGLPEGEDAEFEYNELLPSAAENFLVLGRQLQTCFINAAKAEKDE
LLHFFQIVTDSLFWLLGGHVELIQNVLQSDHFLHLLQADNVQIGSAVMMMLQNILQINRSKRSMML
EINRQKEEEDLKLQLQLQRQRAMRLSRELQLSMLEIVHPGQVEKHYREMEEEKSALIIQKHWRGYR
ERKNFHQQRQSLIEYKAAVTLQRAALKFLAKYRKKKKLFAPWRGLQELTDARRVELKKRVDDYVR
RHLGSPMSDVVSRELHAQAQERLQHYFMGRALEERAQQHREALIAQISTNVEQLMKAPSLKEAE
GKEPELFLSRSPVAAKAKQAHLTTLKHIQAPWWKKLGEESGDEIDVPKDELSIELENLFIGGTKP
P

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.2

Interspecies Antigen Sequence

Mouse (86); Rat (51)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IQCB1

Entrez GeneID	9657
GeneBank Accession#	NM_001023571.1
Protein Accession#	NP_001018865.1
Gene Name	IQCB1
Gene Alias	NPHP5, PIQ, SLSN5
Gene Description	IQ motif containing B1
Omim ID	609237 609254
Gene Ontology	Hyperlink
Other Designations	IQ calmodulin-binding motif containing 1 calmodulin binding protein nephrocystin 5 p53 and DNA damage-regulated IQ motif protein