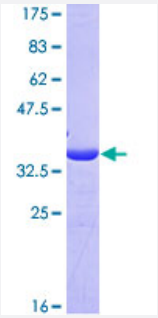
BIRC4 (Human) Recombinant Protein (Q01)

Catalog # H00000331-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BIRC4 partial ORF (AAH32729, 51 a.a. - 150 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GFLYTGEGDTVRCFSCHAAVDRWQYGDSAVGRHRKVSPNCRFINGFYLENSATQSTNSGIQNGQYKVENYLGSRDHFALDRPSETHADYLLRTGQVVDIS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
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

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

Gene Info — XIAP

Entrez GeneID	331
GeneBank Accession#	BC032729
Protein Accession#	AAH32729
Gene Name	XIAP
Gene Alias	API3, BIRC4, ILP1, MIHA, XLP2
Gene Description	X-linked inhibitor of apoptosis
Omim ID	300079 300635
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of a family of proteins which inhibit apoptosis thro ugh binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2. This protein inhibits apoptosis induced by menadione, a potent inducer of free radicals, and ICE. It also inhibit s at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7. [provided by RefSeq
Other Designations	OTTHUMP00000023975|OTTHUMP00000196392|apoptosis inhibitor 3|baculoviral IAP repeat-c ontaining 4|baculoviral IAP repeat-containing protein 4

Pathway

- Apoptosis
- Focal adhesion
- Pathways in cancer

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- Small cell lung cancer
- Ubiquitin mediated proteolysis

Disease

- Arthritis
- Cardiovascular Diseases
- Common Variable Immunodeficiency
- Cryopyrin-associated Periodic Syndromes
- Diabetes Mellitus
- Edema
- Familial Mediterranean Fever
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Immunologic Deficiency Syndromes
- Lung Neoplasms
- Lymphoproliferative Disorders
- Mevalonate Kinase Deficiency
- Neoplasm Recurrence
- Neoplasms
- Severe Combined Immunodeficiency

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