

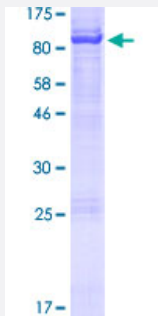
Full-Length

BIRC3 (Human) Recombinant Protein (P01)

Catalog # H00000330-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BIRC3 full-length ORF (NP_001156.1, 1 a.a. - 604 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNIVENSIFLSNLMKSANTFELKYDLSCELYRMSTYSTFPAGVPVSERSLARAGFYTGNDKVKC
FCCGLMLDNWKRGDSPTEKHKKLYPSCRFVQSLNSVNNLEATSQPTFPSSVTNSTHSLLPGTEN
SGYFRGSYSNSPNVNSRANQDFSALMRSSYHCAMNNENARLLTFQTWPLTFLSPTDLAKAGF
YYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPFIENQLQDTSRYTVSNLSMQTHAAR
FKTFFNWPSSVLVNPEQLASAGFYVGNSSDDVKCFCCDGGGLRCWESGDDPWVQHAKWFPRC
EYLIRIKGQEFIRQVQASYPHLLEQLLSTSDSPGDENAESSIIHFEPGEDHSEDAIMMNTPVINAAVE
MGFSRSLVKQTVQRKILATGENYRLVNDLVLDLLNAEDEIREEEERATEEKESENDDLLIRKNRMA
LFQHLTCVIPILDSLLTAGIINEQEHDVIKQKTQTSLQARELIDTILVKGNIATVFRNSLQEAVALYE
HLFVQQDIKIPTEDVSDLPVEEQLRRLQEERTCKVCMDKEVSIVFIPCGHLVVCKDCAPSLRKCP
ICRSTIKGTVRTFLS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

94.8

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 — BIRC3

Entrez GeneID	330
GeneBank Accession#	NM_001165.3
Protein Accession#	NP_001156.1
Gene Name	BIRC3
Gene Alias	AIP1, API2, CIAP2, HAIP1, HIAP1, MALT2, MIHC, RNF49
Gene Description	baculoviral IAP repeat-containing 3
Omim ID	601721
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of a family of proteins that inhibits apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. The encoded protein inhibits apoptosis induced by serum deprivation but does not affect apoptosis resulting from exposure to menadione, a potent inducer of free radicals. The amino acid sequence predicts three baculovirus IAP repeat domains and a ring finger domain. Transcript variants encoding the same isoform have been identified. [provided by RefSeq]
Other Designations	TNFR2-TRAF signaling complex protein apoptosis inhibitor 2 baculoviral IAP repeat-containing protein 3 inhibitor of apoptosis protein 1 mammalian IAP homolog C

Pathway

- [Apoptosis](#)
- [Focal adhesion](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Adenocarcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)