

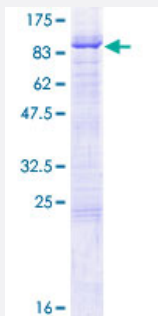
Full-Length

BIRC2 (Human) Recombinant Protein (P01)

Catalog # H00000329-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human BIRC2 full-length ORF (NP_001157.1, 1 a.a. - 618 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MHKTASQRLFPGPSYQNIKSIMEDSTILSDWTNSNKQMKYDFSCELYRMSTYSTFPAGVPVSER
SLARAGFYTGNDKVKCFCCGLMLDNWKLGDSPIQKHKQLYPSCSFIQNLVSASLGSTSKNTSP
MRNSFAHSLSPTLEHSSLFSGSYSSLPNPLNSRAVEDISSRTNPYSYAMSTEEARFLTYHMWP
LTFLSPSELARAGFYIGPDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPFLENSLETRLF
SISNLSMQTHAARMRTFMYWPSSVPVQPEQLASAGFYVGRNDDVKCFCCDGGRLRCWESGDD
PWVEHAKWFP RCEFLIRMKGQEFVDEIQGRYPHLLQLLSTSDTTGEENADPPIIHFGPGESSE
DAVMMNTPVVKSALEMGNRDLVKQTVQSKILTTGENYKTVNDIVSALLNAEDEKREEEKEKQAE
EMASDDLIRKNRMALFQQLTCVLPILDNLLKANVINKQEHDIKQKTQIPLQARELIDTILVKGNA
ANIFKNCLKEIDSTLYKNLFVDKNMKYIPTEDVSGLSLEEQLRRLQEERTCKVCM DKEVS VVFIPC
GHLVVCQECAPSLRKPCICRGIIKGTVRTFLS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

96.3

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 — BIRC2

Entrez GeneID	329
GeneBank Accession#	NM_001166.3
Protein Accession#	NP_001157.1
Gene Name	BIRC2
Gene Alias	API1, HIAP2, Hiap-2, MIHB, RNF48, cIAP1
Gene Description	baculoviral IAP repeat-containing 2
Omim ID	601712
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. This encoded protein inhibits apoptosis induced by serum deprivation and menadione, a potent inducer of free radicals. [provided by RefSeq]
Other Designations	NFR2-TRAF signalling complex protein apoptosis inhibitor 1 baculoviral IAP repeat-containing protein 2

Pathway

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

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Neoplasms](#)
- [Spinal Muscular Atrophies of Childhood](#)
- [Spinal muscular atrophy](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)