

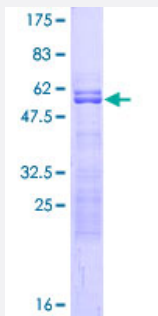
Full-Length

BIRC7 (Human) Recombinant Protein (P01)

Catalog # H00079444-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BIRC7 full-length ORF (NP_647478.1, 1 a.a. - 298 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGPKDSAKCLHRGPQPSHWAAGDGPTQERCGRSLGSPVLGLDTCRAWDHVDGQILGQLRPL
TEEEEEEGAGATLSRGPAPFGMGSEELRLASFYDWPLTAEVPPELLAAAGFFHTGHQDKVRCF
FCYGGGLQSWKRGDDPWTEHAKWFPSQCQLLSKGRDFVHSVQETHSQLLSWDPWEEPEDA
APVAPSVPASGYPELPTPRREVQSESAQEPGGVSPAEAAQRAWWLEPPGARDVEAQLRRLQE
ERTCKVCLDRAVSIVFVPCGHLVCAECAPGLQLCPICRAPVRSRVRTFLS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

59.2

Interspecies Antigen Sequence

Mouse (64)

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 — BIRC7

Entrez GeneID

[79444](#)

GeneBank Accession#

[NM_139317.1](#)

Protein Accession#

[NP_647478.1](#)

Gene Name

BIRC7

Gene Alias

KIAP, LIVIN, ML-IAP, MLIAP, RNF50

Gene Description

baculoviral IAP repeat-containing 7

Omim ID

[605737](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the family of inhibitor of apoptosis proteins (IAP) and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Two transcript variants encoding different isoforms have been found for this gene. The two isoforms have different antiapoptotic properties, with isoform alpha protecting cells from apoptosis induced by staurosporine and isoform b protecting cells from apoptosis induced by etoposide. [provided by RefSeq]

Other Designations

OTTHUMP00000031536|OTTHUMP00000031537|baculoviral IAP repeat-containing protein 7|kidney inhibitor of apoptosis protein|livin inhibitor of apoptosis|livin inhibitor-of-apoptosis|melanoma inhibitor of apoptosis protein