

Recombinant Full Length Human BIRC5 Protein, GST-tagged

Cat. No. BIRC5-1639HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BIRC5 full-length ORF (AAH08718.1, 1 a.a. - 142 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	142 amino acids
Description	This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. Gene expression is high during fetal development and in most tumors yet low in adult tissues. Antisense transcripts are involved in the regulation of this genes expression. At least four transcript variants encoding distinct isoforms have been found for this gene, but the full-length natures of only three of them have been determined.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	41.36 kDa
AA Sequence	MGAPTLPPAW QPFLKDHRIS TFKNWPFLG CACTPERMAE AGFIHCPTEN EPDLAQCFFC FKELEGWEPD DDPIEEHKKH SSGCAFLSVK KQFEELTLGE

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FLKLD RERAK NKIAKETNNK KKEFEETAKK VRRRAIEQLAA MD

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [BIRC5 baculoviral IAP repeat containing 5 \[Homo sapiens \]](#)

Official Symbol [BIRC5](#)

Synonyms

BIRC5; baculoviral IAP repeat containing 5; API4, apoptosis inhibitor 4 , baculoviral IAP repeat containing 5; baculoviral IAP repeat-containing protein 5; EPR 1; survivin; survivin variant 3 alpha; apoptosis inhibitor 4; apoptosis inhibitor survivin; API4; EPR-1


Gene ID [332](#)

mRNA Refseq [NM_001012270](#)

Protein Refseq [NP_001012270](#)

MIM [603352](#)

UniProt ID [O15392](#)

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