

Recombinant Human BIRC5 Protein, GST-tagged

Cat. No. BIRC5-229H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Human BIRC5 partial ORF (NP_001159, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| 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 | 36.74 kDa |
| AA Sequence | MGAPTLPPAWQPFLKDHRISTFKNWPFLGCACTPERMAEAGFIHCPTENEPDLAQ CFFCFKELEGWEPDDDDPIEEHKKHSSGCAFLSVKKQFEELTLGE |
| Notes | Best use within three months from the date of receipt of this protein. |

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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](#)

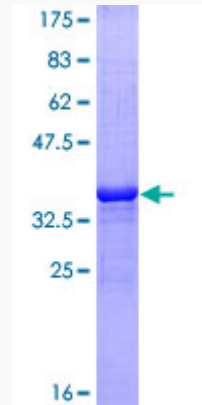
MIM [603352](#)

UniProt ID [O15392](#)

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