

Recombinant Human BIRC5, Gly & Pro tagged

Cat. No. BIRC5-324H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BIRC5 (NP_001159.2) (Met1-Asp142), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-142 a.a.
Predicted N Terminal	Gly
Form	Lyophilized from sterile PBS, 20% glycerol, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human BIRC5 consists of 144 amino acids and predicts a molecular mass of 16.5 KDa. It migrates as an approximately 19 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name BIRC5 baculoviral IAP repeat containing 5 [Homo sapiens]

Official Symbol BIRC5

Gene ID 332

mRNA Refseq NM_001012270

Protein Refseq NP_001012270

MIM 603352

UniProt ID O15392

Chromosome Location 17q25.3

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