

Product datasheet for **TP727112**

BIRC5 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Baculoviral IAP Repeat-Containing Protein 5/BIRC5/Survivin
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Asp142
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 7.5.
Note:	Recombinant Human Baculoviral IAP Repeat-Containing Protein 5 is produced by our E.coli expression system and the target gene encoding Met1-Asp142 is expressed.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	332
UniProt ID:	O15392
Summary:	Baculoviral IAP Repeat-Containing Protein 5 (BIRC5) belongs to the IAP family. BIRC5 exists as a homodimer in the apo state and as a monomer in the CPC-bound state. BIRC5 contains one BIR repeat and is expressed only in fetal kidney and liver, and to lesser extent, lung and brain. BIRC5 functions as a multitasking protein that has dual roles in promoting cell proliferation and preventing apoptosis. BIRC5 is also a component of a chromosome passage protein complex (CPC), which is essential for chromosome alignment and segregation during mitosis and cytokinesis. BIRC5 acts as an important regulator of the localization of this complex.



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