

Product datasheet for PH305935

BIRC5 (NM_001168) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BIRC5/Survivin MS Standard C13 and N15-labeled recombinant protein (NP_001159)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205935
Predicted MW:	16.2 kDa
Protein Sequence:	>RC205935 representing NM_001168 Red=Cloning site Green=Tags(s) MGAPTLPPAWQPFLKDHRISTFKNWPFLGCACTPERMAEAGFIHCPTENEPDLAQCFFCFKELEGWEPD DDPIEEHKKHSSGCAFLSVKKQFEELTLGEFLKLDREKAKNKIAKETNNKKKEFEETAKKVRRAIEQLAA MD TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001159
RefSeq Size:	2655
RefSeq ORF:	426
Synonyms:	API4; EPR-1
Locus ID:	332
UniProt ID:	O15392 , A0A0B4J1S3



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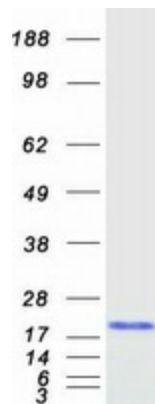
Cytogenetics: 17q25.3

Summary: 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. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2011]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Colorectal cancer, Pathways in cancer

Product images:



Coomassie blue staining of purified BIRC5 protein (Cat# [TP305935]). The protein was produced from HEK293T cells transfected with BIRC5 cDNA clone (Cat# [RC205935]) using MegaTran 2.0 (Cat# [TT210002]).