

Product datasheet for PH301580

Heat Shock Factor 2 Binding Protein (HSF2BP) (NM_007031) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HSF2BP MS Standard C13 and N15-labeled recombinant protein (NP_008962)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201580
Predicted MW:	37.6 kDa
Protein Sequence:	>RC201580 protein sequence Red=Cloning site Green=Tags(s)

MGEAGAAEEACRHMGTKEEFVKVRKDLERLTTEVMQIRDPLPRILNGEVLESFQKLKIVEKNLERKEQE
LEQLKMDCEHFKARLETVQADNIREKKEKLALRQQLNEAKQQLLQQAAYCTEMGAACTLLWGVSSSEEV
VKAAILGGDKALKFFSITGQTMESFVKSLDGDVQELDSDESQFVVALAGIVTNVAAIACGREFLVNSSRVL
LDTILQLLGDLPQGCTKLKVLMLMSLYNVSINLKGLKYISESPGFIPLLWLLSDPDAEVCLHVLRLVQ
SVVLEPEVFSKSASEFRSSLPLQRILAMSKSRNPRLQTAQELLEDLRTLEHNV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_008962
RefSeq Size:	1916
RefSeq ORF:	1002
Synonyms:	MEILB2; POF19
Locus ID:	11077



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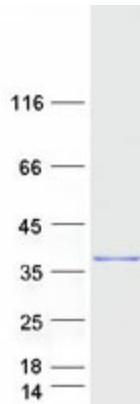
UniProt ID: [O75031](#), [Q6IAT7](#)

Cytogenetics: 21q22.3

Summary: HSF2 binding protein (HSF2BP) associates with HSF2. The interaction occurs between the trimerization domain of HSF2 and the amino terminal hydrophilic region of HSF2BP that comprises two leucine zipper motifs. HSF2BP may therefore be involved in modulating HSF2 activation. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified HSF2BP protein (Cat# [TP301580]). The protein was produced from HEK293T cells transfected with HSF2BP cDNA clone (Cat# [RC201580]) using MegaTran 2.0 (Cat# [TT210002]).