

Product datasheet for TP301070M

HSP90AB1 (NM_007355) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human heat shock protein 90kDa alpha (cytosolic), class B member 1 (HSP90AB1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201070 representing NM_007355 Red=Cloning site Green=Tags(s)

MPVEVHHGEEEVETFAFQAEIAQLMSLIINTFYNSKEIFLRELISNASDALDKIRYESLTDPSKLDGKE
LKIDIIPNPQERTLTLVDTGIGMTKADLNNLGTIAKSGTKAFMEALQAGADISMIGQFGVGFYSAYLVA
EKVWITKHNDDEQYAWESSAGGSFTVRADHGEPGRGTVILHLKEDQTEYLEERRVKEVVKHSQFIG
YPITLYLEKEREKEISDDEAEKEEKEEEDKDDEEKPVEDVGSDEEDDSGDKKKKTKKIKEKYIDQE
ELNKTPIWTRNPDDITQEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFRALLFIPRRAPFDLFENKKKK
NNIKLYVRRVFIMDSCDELIPEYLNFIKRVVDSDELPLNISREMLQQSKILKVRKNIVKKCLELFSLA
EDKENYKFFYEAFSKLNKLGIEDSTNRRRLSELLRYHTSQSGDEMTSLSEYVSRMKETQKSIYYITGES
KEQVANSASFVERVRKRGFEVYMTPEIDYCVQQLKEFDGKSLVSVTKEGLELPEDEEKKKMEESKAKF
ENLCKLMKEILDKKVEKVTISNRLVSSPCCIVTSTYGWTANMERIMKAQALRDNSTMGYMMAKKHLEINP
DHPIVETLRQKAEADKNDKAVKDLVLLFETALLSSGFSLEDPPQTHSNRIYRMIKLGLEDGEVAEEEP
NAAVPDEIPPLEGDEEDASRMEEVD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

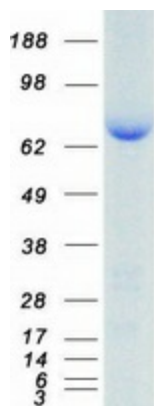
Tag:	C-Myc/DDK
Predicted MW:	83.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_031381
Locus ID:	3326
UniProt ID:	P08238 , A0A024RD80
RefSeq Size:	2567
Cytogenetics:	6p21.1
RefSeq ORF:	2172
Synonyms:	D6S182; HSP84; HSP90B; HSPC2; HSPCB
Summary:	This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes. [provided by RefSeq, Dec 2012]
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Antigen processing and presentation, NOD-like receptor signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer

Product images:



Coomassie blue staining of purified HSP90AB1 protein (Cat# [TP301070]). The protein was produced from HEK293T cells transfected with HSP90AB1 cDNA clone (Cat# [RC201070]) using MegaTran 2.0 (Cat# [TT210002]).