

## Product datasheet for TP318644

### HRP2 (HDGFRP2) (NM\_032631) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hepatoma-derived growth factor-related protein 2 (HDGF2), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218644 representing NM_032631 Red=Cloning site Green=Tags(s)

MPHAFKPGDLVFAKMKGYPHWPARIDDIADGAVKPPPNKYPIFFFGTHETAFLGPKDLFPYDKCKDKYGK  
PNKRKGFNEGLWEIQNNPHASYSAPPPVSSSDSEAPEANPADGSDADEDEDGRVMAVTAVTATAASDRM  
ESDSDSDKSSDNSGLKRKTPALKMSVSKRARKASSDLQASVSPSEENSESSSESEKTSQDFTPEKKA  
AVRAPRRRGLGGRKPKKAPSASDSDSKADSDGAKPEPVAMARSASSSSSSSSSDSDSVKPKPRGRKPA  
EKPLPKPRGRKPKPERPPSSSSSDSDSDEVDRISEWKRRDEARRRELEARRRREQEELRRLREQEKEEK  
ERRRERADRGAEERGGSSGDELREDDEPVKKRGRKGRGRGPPSSSDSEPEAELEAKKSAKKPQSSS  
TEPARKPGQKEKRVPEEKQQAQKPVKVERTRKRSEGFSMDRKVEKKKEPSVEEKLQKLHSEIKFALKVDS  
PDVKRCLNALEELGTLQVTSQILQKNTDVVATLKKIRRYKANKDVMKAAEVYTRLKSRVLPKIEAVQK  
VNKAGMEKEKAAEKLAGEELAGEEAPQEKAEDKPSTDLAPVNGEATSQKGESAEDEKEHEEGRDSEEGPR  
CGSSEDLHDVREGPDLDRPGSDRQERERARGDSEALDEES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

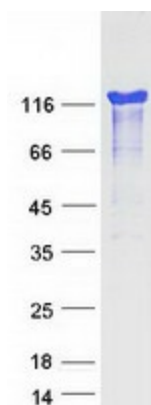
Tag:	C-Myc/DDK
Predicted MW:	74 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_116020</a>
<b>Locus ID:</b>	84717
<b>UniProt ID:</b>	<a href="#">Q7Z4V5</a>
<b>RefSeq Size:</b>	2341
<b>Cytogenetics:</b>	19p13.3
<b>RefSeq ORF:</b>	2010
<b>Synonyms:</b>	HDGF-2; HDGF2; HDGFRP2; HRP-2; HRP2
<b>Summary:</b>	This gene encodes a member of the hepatoma-derived growth factor (HDGF) family. The protein includes an N-terminal PWWP domain that binds to methyl-lysine-containing histones, with specific binding of this protein to tri-methylated lysines 36 and 79 of histone H3, and di- and tri-methylated lysine 20 of histone H4. The protein functions in LEDGF/p75-independent HIV-1 replication by determining HIV-1 integration site selection. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014]

### Product images:



Coomassie blue staining of purified HDGFL2 protein (Cat# TP318644). The protein was produced from HEK293T cells transfected with HDGFL2 cDNA clone (Cat# [RC218644]) using MegaTran 2.0 (Cat# [TT210002]).