

Recombinant Human HDGFL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HDGFL2-5541H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HDGFRP2 MS Standard C13 and N15-labeled recombinant protein (NP_116020) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	74 kDa
AA Sequence	MPHAFKPGDLVFAKMKGYPHWPARIDDIADGAVKPPPNKYPIFFFGTHETAFLGPKD LFPYDKCKDKYGKPNKRKGFNEGLWEIQNNPHASYSAPPPVSSSDSEAPEANPAD GSDADEDDERGVMAVTAVTATAASDRMESDSDSKSSDNSGLKRKTPALKMSVS KRARKASSDLDQASVSPSEEENSESSSESEKTSQDFTPEKKA AVRAPRRGPLGG RKKKKAPSASDSDSKADSDGAKPEPVAMARSASSSSSSSSSDSDSVKKPPRGR KPAEKPLPKPRGRKPKPERPPSSSSSDSDSDEVDRISEWKRRDEARRRELEARRR

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REQEEELRRLREQEKEEKERRRERADRGEAERGSGGSSGDELREDDEPVKKRGR
 KGRGRGPPSSSDSEPEAELEAREAKKSAKKPQSSSTEPARKPGQKEKRVRPPEEKQQ
 AKPVKVERTKRSEGFSDMRKVEKKKEPSVEEKLQKLHSEIKFALKVDSPDVKRCLN
 ALEELGTLQVTSQILQKNTDVVATLKKIRRYKANKDVMKAAEVYTRLKSRVLGPKIE
 AVQKVNKAGMEKEKAEKELAGEELAGEEAPQEKAEDKPDLDLSDAPVNGEATSQKG
 ESAEDKEHEEGRDSEEGPRCGSSEDLHDVREGPDLDLSDRQERERARGDSEA
 LDEESTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name HDGFL2 HDGF like 2 [Homo sapiens (human)]

Official Symbol HDGFL2

Synonyms HDGFL2; HDGF like 2; HRP2; HDGF2; HRP-2; HDGF-2; HDGFRP2; hepatoma-derived growth factor-related protein 2; HDGF-related protein 2

Gene ID 84717

mRNA Refseq NM_032631

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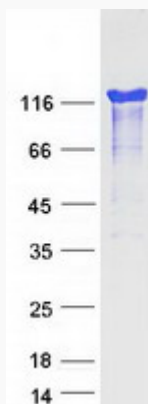
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Protein Refseq NP_116020

MIM 617884

UniProt ID Q7Z4V5

SDS-PAGE



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