

Product datasheet for PH326817

HMGXB3 (NM_014983) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | HMGXB3 MS Standard C13 and N15-labeled recombinant protein (NP_055798) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC226817 |
| Predicted MW: | 141 kDa |
| Protein Sequence: | >RC226817 representing NM_014983 Red=Cloning site Green=Tags(s) |

MDASYDGTVEVTVMEEIEEAYCYTSPGPPKPKKKYKIHGKTKKPRSAAYLLYYDIYLVKQVQELPHLPQS
EINKKISESWRLLSVAERSYYLEKAKLEKEGLDPNSKLSALTAVVPDIPGFRKILPRSDYIIIPKSSLQE
DRSCPQLELCVAQNQMSPKGPPLVSNTAPETVPSHAGMAEQCLAVEALAEVVGAL TQSGAVQEIATSEIL
SQDVLLEDASLEVGESHQPYQTSLVIEETLVNGSPDLPTGSLAVPHQPVGESISVVTVMRDSSESSSSAP
ATQFIMLPLPAYSVVENPTSIKL TTTYTRRGHGTCTSPGCSFTYVTRHKPPKCPTCGNFLGGKWIPKEK
AKVKVELASGVSSKGSVVKRNQQPVTTTEQNSSKENASKL TLENSEAVSQLLNVAPPREVGESEWEEVII
SDAHLVKEAPGNCGTAVTKTPVVKSGVQPEVTLGTTDNDSPGADVPTPSEGTSTSSPLPAPKKPTGVDL
LTPGSRAPELKGRARGKPSLLAAARPMRAILPAPVNVGRGSSMGLPRARQAFSLSDKTPSVRTCGLKPKST
LKQLGQPIQQPSGPGEVKLPSGSPNRTSQVKVVEVKPDMFPYKYSCTVTLDLGLATSRGRGCKKNPSCS
YVYTNRHKPRICPSCGVNLAADRTEKTTKAIIEVSSPLPDVNLATEPLSTAQREIQRQSTLQLLRKVLQIP
ENESELAEVFALIHENSSRLILSNVSEETVTIEQTSWSNYYESPSTQCLLCSSPLFKGGQNSLAGPQEC
WLLTASRLQVTVAQVKMCLNPHCLALHSFIDIYTG LFNVGNKLLVSLDLLFAIRNQIKLGEDPRVSNV
LKSVEQTEKTLTSEELSQLQELLNCGYWAFCLETVRDYNDMICGICGVAPKVEMAQRSEENVLALKSVE
FTWPEFLGSNEVNEFDWATMETEVIEQVAFPASIPITKFDASVIAPFPPLMRGAVVVNTEKDKNLDVQ
PVPGSGSALVRLLEQGTCKLDEIGSYSEEKQLHLLRQCGIPFGAEDSKDQLCFLLALYESVQNGARAIR
PPRHFTGGKIYKVCPHQVCGSKYLVRGESARDHVDLLASSRHWPVYVDMATSVALCADLCYPELTNQ
MWGRNQCFSSPTEPPVSVSCPELLDQHYTVDMTETEHSIQHPVTKTATRRIVHAGLQPNPDPGSPAGHHS
LALCPPELAPYATILASIVDSKPNGVRQRP IAFDNATHYYLYNRLMDFLTSREIVNRQIHDIVQSCQPGEV
VIRDTLYRLGVAQIKTETETEEEEEVAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

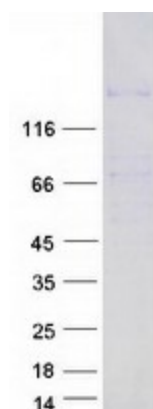
| | |
|----------------|---|
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |



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| 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_055798 |
| RefSeq ORF: | 3876 |
| Synonyms: | HMGX3; SMF |
| Locus ID: | 22993 |
| UniProt ID: | Q12766 , Q562E5 |
| Cytogenetics: | 5q32 |
| Summary: | This gene is one of the non-canonical high mobility group (HMG) genes. The encoded protein contains an HMG-box domain found in DNA binding proteins such as transcription factors and chromosomal proteins. [provided by RefSeq, Aug 2011] |

Product images:



Coomassie blue staining of purified HMGXB3 protein (Cat# [TP326817]). The protein was produced from HEK293T cells transfected with HMGXB3 cDNA clone (Cat# [RC226817]) using MegaTran 2.0 (Cat# [TT210002]).