

Recombinant Human HMGXB3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HMGXB3-2056H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HMGXB3 MS Standard C13 and N15-labeled recombinant protein (NP_055798) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	141 kDa
AA Sequence	MDASYDGTETVVMEEIEEAYCYTSPGPPKKKKKYKIHGEKTKKPRSA YLLYYYDIYL KVQQELPHLPQSEINKKISESWRLLSVAERSYYLEKAKLEKEGLDPNSKLSALTAVVP DIPGFRKILPRSDYIIIPKSSLQEDRSCPQLELCVAQNQMSPKGPPLVSNTAPETVPS HAGMAEQCLAVEALAEV GALTQSGAVQEIATSEILSQDVLLDASLEV GESHQPYQ TSLVIEETLVNGSPDLPTGSLAVPHPQVGESISVVTVMRDSSESSSSAPATQFIMLPL PAYSVVENPTSIKLTTTYTRRGHGTCTSPGCSFTYVTRHKPPKCPTCGNFLGGKWIP KEKPAKVVELASGVSSKGSVVKRNQQPVTTTEQNSSKENASKLTLENSEAVSQLLN VAPPREVGEESEWEEVIISDAHVLVKEAPGNCGTAVTKTPVVKSGVQPEVTLGTTDN DSPGADVPTPSEGTSTSSPLPAPKKPTGVDLLTPGSRAPELKGRARGKPSLLAAAR PMRAILPAPVNVGRGSSMGLPRARQAFSLSDKTPSVRTCGLKPSTLKQLGQPIQQP

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SGPGEVKLPSPGPSNRTSQVKVVEVKPDMFPPYKYSCTVTLDLGLATSRGRGKCKN
PSCSYVYTNRHKPRICPSCGVNLAKDRTEKTTKAIEVSSPLPDVLNATEPLSTAQREI
QRQSTLQLLRKVLQIPENESELAEVFALIHENSSRLILSNVSEETVTIEQTSWSNYYE
SPSTQCLLCSSPLFKGGQNSLAGPQECWLLTASRLQTVTAQVKMCLNPHCLALHSF
IDIYTGLFNVGNKLLVSLDLLFAIRNQIKLGEDPRVSINVLKSVQEQTTEKTLTSEELSQ
LQELLNGYWAFECLTVRDYNDMICGICGVAPKVEMAQRSEENVLALKSVEFTWPE
FLGSNEVNVEDFWATMETEVIEQVAFPASIPITKFDASVIAPFFPPLMRGAVVVNTEK
DKNLDVQVPVPGSGSALVRLLQEGTCKLDEIGSYSEEKLQHLLRQCGIPFGAEDSKD
QLCFSLALYESVQNGARAI RPPRHFTGGKIYKVC PHQVVC GSKYLVRGESARDHV
DLLASSRHWPPVYVDMATSVLALCADLCYPELTNQMWGRNQGCFSPTPEPPVSVS
CPELLDQHYTVDMTETEHSIQHPVTKTATRRIVHAGLQPNPGDPSAGHHSALCPEL
APYATILASIVDSKPNGVRQRPIAFDNATHYYLYNRLMDFLT SREIVNRQIH DIVQSCQ
PGEVVIRDTLYRLGVAQIKTETEEEEEEEEVAAVAETRTRPLEQKLISEEDLAANDILD
YKDDDDKV

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 HMGXB3 HMG box domain containing 3 [Homo sapiens (human)]

Official Symbol HMGXB3

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Synonyms	HMGXB3; HMG box domain containing 3; HMGX3; HMG domain-containing protein 3; KIAA0194; SMF;
Gene ID	22993
mRNA Refseq	NM_014983
Protein Refseq	NP_055798
UniProt ID	Q12766
SDS-PAGE	