

Product datasheet for **PH324157**

NBAS (NM_015909) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NBAS MS Standard C13 and N15-labeled recombinant protein (NP_056993)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224157
Predicted MW:	268.6 kDa



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Protein Sequence: >RC224157 representing NM_015909
 Red=Cloning site Green=Tags(s)

MAAPESGPALSPGTAEGEEETILYDLLVNTWPPETEVQPRGNQKHGASFIIITKAIRDRLFLRQYIWYS
 PAPFLLPDGLVRLVKNQINWHLVLASNGKLLAAVQDQCVEIRSAKDDFTSIIGKCQVPKDPKQWRRVAW
 SYDCTLLAYAESTGTVRVFDLMGSELFVISPASSFIGDLSYAIAGLIFLEYKASAQWSAELLVINRGEL
 RSYLVSVGTNQSYQESHCFSSSHYPHGINTAVYHPGHRLLLVGGCETAEVGMSKASSCGLSAWRVLSGS
 PYYKQVTNGGDGVTAVPKTLGLLRMLSVKFYSRQGEQDGFKMSLSPDGMLLAATHFSGKLSIWAIPSL
 KQQGEWGQNEQPGYDDLNPDWRLSTEKRKKIKDKESFYPLIDVNWADSAVTLARCSGALTVSSVKT LKN
 LLGKSCEWFEPSPQVTATHDGGFLSLECEIKLAPKRSRLETRAGEEDEGEEDSDSYEISAKARYFGYIK
 QGLYLVTMERFAPPRKRPTITKNYRLVSLRSTTPEELYQRKIESEEEYEEALSLAHTYGLDIDL VYQRQ
 WRKSAVNVASIQNYLSKIKKRSWVLHECLERVPENVDAKELLQYGLKGTDL EALLAIGKGADDGRFTLP
 GEIDIDSISYEELSPDDEEPAKNKREKELKKRQELLKLVNFSKLTLEQKELCRCRRKLLTYLDRLATYEE
 ILGVPHASEQRYDAEFFKKFRNQIVLSARTYAQESNVQALEILFTYHGSDDLPHRLAILSNFPETTS PH
 EYSVLLPEACFNGDSLMIIPWHEHKHRAKDWCEELACRMVVEPNLQDESEFLYAAQPELLRFRMTQLTVE
 KYMDWYQTRAEEIEHYARQVDCALSLIRLGMERNIPGLLVLCDNLVTLETLYVEARCDVTLTLKELQ QMK
 DIEKLRLLMNSCEDKYVTSAYQWMPVFLHRCQKSPGVANELLKEYLVTLAKGDLKFLPKIFQHSPDL
 QQKIIPDQDLMAIALECIYTCERNQCLCYDLLECLPERGYGDKTEATTKLHDMVDQLEQILSVSELL
 EKHGLEKPI SFVKNTQSSSEEARLKMVRLTRHTGRKQPPVSESHWRTLLQDMLTMQONVYTC L DSDACYE
 IFTESLLCSSRLNIHLAQGMMHCSACSENPPAGIAHKGKPHYRVSYEKSIDLVL AASREYFNSSNTLTD
 SCMDLARCCQLITDRPPAIQEELDLIQAVGCLEEFVKILPLQVRLCPDRISL IKECISQSPTCYKQST
 KLLGLAELLRVAGENPEERRGQVLILLVEQALRFHDYKAASMHCQELMATGYPKSWDVCSQLGQSEGYQD
 LATRQELMAFALTHCPPSSIELLLAASSSLQTEILYQRVNFQIHHEGGENISASPLTSKAVQEDEVGVP G
 SNSADLLRWTATTMKVLSNTTTTTKAVLQAVSDGQWWKSLTYLRPLQGQKCGGAYQIGTTANEDLEKQ
 GCHPFYESVISNPFVAESEGTYDQYQHPVESFAEVLRLTGKLA EAKNKGEVFPTEVLLQLASEALPND
 MTLALAYLLALPQVLDANRCFEKQSPSALSQLAAYYYSLQIYARLAPCFRDKCHPLYRADPKELIKMVT
 RHVTRHEHEAWPEDLISLTKQLHCYNERLLDFTQAQILQGLRKGVQVQRF TADDQYKRETI LGLAETLEE
 SVYSIAISLAQRYSVSRWEVFMTHLEFLFTDSGLSTLEIENRAQDLHLFETLKTDP EAFHQHVMKYIYPT
 IGGFDHERLQYYFTLLENCGCADLGNCAIKPETHIRLLKKFKVVASGLNYKKLTDENMSPLEALEPVLSS
 QNILSISKLVKPIPEKDGQMLSPSSLYTIWLQKLFWTGDPHLIKQVPGSSPEWLHAYDVCMKYFDR LHPG
 DLITVVDVAVTFSPKAVTKLSVEARKEMTRKAIKTVKHFIEKPRKRNSEDEAQEAKDSKVTYADTLNHLEK
 SLAHLETLSHSFILSLKNSEQETLQKYSHLYDLRSSEKELHDEAVAICLDGQPLAMIQQ LLEVAVGPLD
 ISPKDIVQSAIMKIIISALSGGSADLGGPRDPLKVLGEGVAAVHASVDKGEELVSPEDLLEWLRPFCADDA
 WPVVRPIHVLQILGQSFHLTEEDSKLLVFFRTEAILKASWPQRQVDIADIENEENRYCLFMELLESSHHE
 AEFQHLVLLLQAWPPMKSEYVITNPNWRLATVMLTRCTMENKEGLGNEVLKMC RSLYNTKQMLPAEGVK
 ELCLLLLNQSLLLPSLKLLLESRDEHLHEMALEQITAVTTVNDSNCDQELL SLLLDAKLLVKCVSTPFYP
 RIVDHLLASLQQGRWDAEELGRHLREAGHEAEAGSLLLAVRGTHQAFRTFSTALRAAQHWV

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

Labeling Method: Labeled with [U- ¹³C₆, ¹⁵N₄]-L-Arginine and [U- ¹³C₆, ¹⁵N₂]-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_056993](#)

RefSeq Size: 7300

RefSeq ORF: 7113

Synonyms: ILFS2; NAG; SOPH

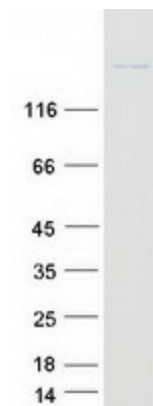
Locus ID: 51594

UniProt ID: [A2RRP1](#), [G1UI26](#)

Cytogenetics: 2p24.3

Summary: This gene encodes a protein with two leucine zipper domains, a ribosomal protein S14 signature domain and a Sec39 like domain. The protein is thought to be involved in Golgi-to-ER transport. Mutations in this gene are associated with short stature, optic nerve atrophy, and Pelger-Huet anomaly. [provided by RefSeq, Oct 2012]

Product images:



Coomassie blue staining of purified NBAS protein (Cat# [TP324157]). The protein was produced from HEK293T cells transfected with NBAS cDNA clone (Cat# [RC224157]) using MegaTran 2.0 (Cat# [TT210002]).