

Product datasheet for PH313977

Kazrin (KAZN) (NM_201628) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KAZ MS Standard C13 and N15-labeled recombinant protein (NP_963922)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213977
Predicted MW:	86.2 kDa
Protein Sequence:	>RC213977 representing NM_201628 Red=Cloning site Green=Tags(s)

MMEDNKQLALRIDGAVQSASQEVTLNRAELTATNRRRLAELSGGGPGPGGAAASASAAGDSAATNMENP
QLGAQVLLREEVSRLQEEVHLLRQMKEMLAKDLEESQGGKSSEVL SATELRVQLAQKEQELARAKEALQA
MKADRKRLKGEKTDLVSQMQLYATLESREEQLRDFIRNYEQHRKESEDAVKALAKEKDLLEREKWLRR
QAKEATDHATALRSQDLKDNRMKELEAELAMAKQSLATLTKDVPKRHSLAMPGETVLNGNQEWVQADL
PLTAAIRQSQQLYHSHPPHPADRQAVRVSPCHSRQPSVISDASAAEGDRSSTPSDINSRHRTHSLCNG
DSPGPVQKLNHNPIVQSLEDLEDQKRKKKKEKMGFGSISRVFARGKQRKSLDPGLFDDSDSQCSPTRQSL
SLSEGEEQMDRLQQVELVRTTPMSHWKAGTVQAWLEVVMAMPYVKACTENVKSGKVLLSLSDEDLQLGL
GVCSSLHRRKRLRAIEDYRDAEAGRSLSKAAELDHHWVAKAWLNDIGLSQYSQAFQNHLDVGRMLNSLMK
RDLEKHLNVSKKFHQVSI LLGIELLYQVNF SREALQERRARCETQNI DPVVWVNQRV LKVVVRDIDLKEYA
DNLTNSGVHGA VLVEPTFNAEAMATALGIPSGKHILRRHLAEEMSAVFHPANSTGIREAERFGTPPGRA
SSVTRAGKEENSSGLKYGRLPLGKIGRGFSKDPDFHDDYGS LQNEDCGDDDPQSRLEQCRLEGYNLSL
EVTNV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- 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_963922

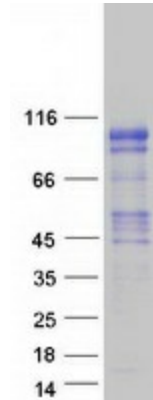


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RefSeq Size:	6047
RefSeq ORF:	2325
Synonyms:	C1orf196; KAZ
Locus ID:	23254
UniProt ID:	Q674X7
Cytogenetics:	1p36.21

Summary: This gene encodes a protein that plays a role in desmosome assembly, cell adhesion, cytoskeletal organization, and epidermal differentiation. This protein co-localizes with desmoplakin and the cytolinker protein periplakin. In general, this protein localizes to the nucleus, desmosomes, cell membrane, and cortical actin-based structures. Some isoforms of this protein also associate with microtubules. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional splice variants have been described but their biological validity has not been verified. [provided by RefSeq, Aug 2011]

Product images:



Coomassie blue staining of purified KAZN protein (Cat# [TP313977]). The protein was produced from HEK293T cells transfected with KAZN cDNA clone (Cat# [RC213977]) using MegaTran 2.0 (Cat# [TT210002]).