

Product datasheet for TP313977

Kazrin (KAZN) (NM_201628) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens kazrin (KIAA1026), transcript variant E, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213977 representing NM_201628 Red =Cloning site Green =Tags(s)

MMEDNKQLALRIDGAVQSASQEVNLRALATNRRRLAELSGGGGPGPGPAAASASAAGDSAATNME
 NP
 QLGAQVLLREEVSRLQEEVHLLRQMKEMLAKDLEESQGGKSSEVLSATELRVQLAQKEQELARAKEALQA
 MKADRLKRLKGEKTDLVSQMQQLYATLESREEQLRDFIRNYEQHRKESEDAVKALAKEKDLLEREKWELRR
 QAKEATDHATALRSQDLKDNRMKELEAELAMAKQSLATLT KDVPKRHSLAMPGETVLNGNQEWVQA
 DL
 PLTAAIRQSQQTLYHSHPPHPADRQAVRVSPCHSRQPSVISDASAAEGDRSSTPSDINSRHRTHSLCNG
 DSPGPVQKNLHNPVQSLEDLEDQKRKKKKEKMGFGSISRVFARGKQRKSLDPGLFDDSDSQCSPTRQSL
 SLSEGEEQMDRLQQVELVRTTPMSHWKAGTVQAWLEVVMAMPMYVKACTENVKSGKVLLSLSDIDLQL
 GL
 GVCSSLHRRKLRLAIEDYRDAEAGRSLSKAAELDHHWVAKAWLNDIGLSQYSQAFQNHLDVGRMLNSLM
 K
 RDLEKHLNVSKKFHQVSILLGIELLYQVNFSREALQERRARCETQNI DPVWWTNQRVLKWVRDIDLKEYA
 DNLTNSGVHGAVLVLEPTFNAEAMATALGIPSGKHILRRHLAEEMSAVFHPANSTGIREAERFGTPPGRA
 SSVTRAGKEENSSGLKYKAGRLPLGKIGRGFSSKDPDFHDDYGSLQNEDCGDDDPQSRLEQCRLEGYNLSL
 EVTNV

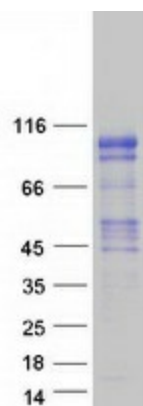
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	86.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol


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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_963922</u>
Locus ID:	23254
UniProt ID:	<u>Q674X7</u>
RefSeq Size:	6047
Cytogenetics:	1p36.21
RefSeq ORF:	2325
Synonyms:	C1orf196; KAZ
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]).