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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

KRIT1 (Human) Recombinant Protein (P01)

Catalog Number: H00000889-P01

Regulation Status: For research use only (RUO)

Product Description: Human KRIT1 full-length ORF (NP_004903.2, 1 a.a. - 736 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGNPENIEDAYVAVIRPKNTASLNSREYRAKSYEILLH
EVPIEGQKKRKKVLLLETKLQGNSEITQGILDYVVETTK
PISPANQGIRGKRVVLMKKFPLDGEKMGREASLFIVPS
VVKDNTKYTYTPGCPIFYCLQDIMRVCSESSTHFATLT
ARMLIALDKWLDERHAQSHFIPALFRPSPLERIKTNVIN
PAYATESGQTENSLHMGYSALEIKSKMLALEKADTCIY
NPLFGSDLQYTNRVDKVVINPYFGLGAPDYSKIQIPKQ
EKWQRSMSSVTEDEKQWVDDFPLHRSACEGDSSELL
SRLLSERFSVNQLSDHWAPIHYACWYGKVEATRILLE
KKGKCNPNLLNGQLSSPLHFAAGGGHAEIVQILLNHPET
DRHITDQQGRSPLNICEENKQNNWEEAAKLLKEAINKP
YEKVRIRMDGSYRSVELKHGNNNTTVQQIMEGMRLSQ
ETQQYFTIWCSENLSLQPKPYHKPLQHVRDWPEILAE
LTNLDPQRETPQLFLRRDVRLPLEVEKQIEDPLAILLFD
EARYNLLKGFYTAPDAKLITLASLLLQIVYGNYESKHKH
QGFLNEENLKSIVPVTKLKSKAPHWTRILHEYNLST
SEGVSKEMHHLQRMFLQNCWEIPTYGAAFFTGGQIFTK
ASPSNHKVIPVYGVNIKGLHLLNMETKALLISLKYGCF
MWQLGDTDTCFQIHSMENKMSFIVHTKQAGLVVLLM
KLNGLMPTERN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 110.7

Interspecies Antigen Sequence: Mouse (95); Rat (95)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 889

Gene Symbol: KRIT1

Gene Alias: CAM, CCM1

Gene Summary: This gene encodes a protein containing four ankyrin repeats, a band 4.1/ezrin/radixin/moesin (FERM) domain, and multiple NPXY sequences. The encoded protein is localized in the nucleus and cytoplasm. It binds to integrin cytoplasmic domain-associated protein-1 alpha (ICAP1alpha), and plays a critical role in beta1-integrin-mediated cell proliferation. It associates with junction proteins and RAS-related protein 1A (Rap1A), which requires the encoded protein for maintaining the integrity of endothelial junctions. It is also a microtubule-associated protein and may play a role in microtubule targeting. Mutations in this gene result in cerebral cavernous malformations. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]