

Recombinant Human KANK4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KANK4-3294H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KANK4 MS Standard C13 and N15-labeled recombinant protein (NP_859063) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	May be involved in the control of cytoskeleton formation by regulating actin polymerization.
Molecular Mass	107.3 kDa
AA Sequence	<p>MEKTDAKDQSSQGDEEKDPPKSHYPYSVETPYGFHLDLDFLKYVDDIEKGNTIKRIPIH RRAKQAKFSTLPRNFSLPDSGARPPAAPPLQNWSPVVPREASLGTQEQNQSPPLG NAPQASTSRSEVSYHRKALLAEATRQLEAAEPEDAELTFGSGRPQLLRASSMPATLL HSRASEEPGLSLGPPAPPALPPLQGEQSVCDGTFEPAEGLAGFHSSSPRASTRIPEL VQEGAEPPEGVVKVPNHLPLPGPPFSFQNVLVLEDKEDENAREAEVLFTPGSPT PSPPPLPSPIPENELLLLEEIELNISEIPPPPPVEVDMRSIGIRVTEESLGLARVDPGSIS SLKQQVSALEGELSGRTEELAQVRTALQQQEEEIKAREQRIRELEFTVAQLEGQFHQ ENAKDTQGQTDVMVNTDPVHGLLTRESCDKGIEVNLLGSMESWGHHRGEENGLL WGPDPGHKQGNQSPAERVLLPQLSLPQGPEQVLTSSVHSFLSTELRIEEAGTEQEGG PQGGTRGAGGFLWGS DRKTPPAGREETSSNLPGKEHPGRPPSSPTDATIGQYVKK IQELLQEQWNCLEHGYPELASAIKQPASKLSSIQSLLSSLNLLLSAYSQAHPKPEP</p>

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PASSSSPPVEISPSTSLKSIMKKKDYGFRAGGNGTKKNLQFVGVNGGYETTSSEETS
 GEDSTPEDLSDSEAEKKCDGPDHKKHVKDAHLTCEAGQGPIPEGTCHAAQESGPGE
 VPHSKAERYKPSSEFLNACRALSQHLPETGTTTTDQLLRQSLNTISQEWFRVSSRKSS
 SPAVVASYLHEVQPHSPHFLKLLVNLADRNGNTALHYSVSHSNFSIAKLLLETVGCN
 VDHQNKAGYTAVMITPLASAETNEDMAVVWKLREGNVNIQATQGGQTALMLGVSH
 DREDMVQALLSCQADVNLQDHDGSSALMLACHHGNVDLVRLLLAHPACDSSLTDK
 AGRTALSIALKSPTHMEIAGLLRAHAEEQGRSLGLTRTRPLEQKLISEEDLAANDILDYK
 DDDDKV

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 [KANK4 KN motif and ankyrin repeat domains 4 \[Homo sapiens \(human\) \]](#)

Official Symbol [KANK4](#)

Synonyms KANK4; KN motif and ankyrin repeat domains 4; ANKRD38; dJ1078M7.1; KN motif and ankyrin repeat domain-containing protein 4; ankyrin repeat domain 38; ankyrin repeat domain-containing protein 38; kidney ankyrin repeat-containing protein 4

Gene ID [163782](#)

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mRNA Refseq [NM_181712](#)

Protein Refseq [NP_859063](#)

MIM [614612](#)

UniProt ID [Q5T7N3](#)

SDS-PAGE



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