

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	MEKTDAKDQSSQGDEEKDPPKSHPYSVETPYGFHLDLDFLK YVDDIEKGNTIKRIPIH RRAKQAKFSTLPRNFSLPD SGARPPAAPPLQNWSPVVPREASLGTQE QNQSPPLG NAPQASTSRSEVS YHRKALLAEATRQLEAAEPEDAELTFGSGRPQLLRASSMPATLL HSRASEEPGLSLGPPAPPALPPLQGEGSVCDGT FEPAEGLAGFHSSSPRASTRIPEL VQEGAEPPEGVVKVPNHLPLPGPPFSFQNVLVLEDKEDEHNAREAEVLFTPGSPT PSPPPLPSPIPENELLLEEIELNISEIPPPPPVEVDMRSIGIRVTEESLGLARVDPGSIS SLKQQVSALEGELSGRTEELAQVRTALQQQEEEEIKAREQRIRELEFTVAQLEGQFHQ ENAKDTQGQTDVMVNTDPVHGLLTRESCDKGIEVNLLGSMESWGH RGEENGLL WGPDGHKQGNQSPAERVLLPQLSLPQGPEQVLTSSVHSFLSTELRIEEAGTEQEGG PQGGTRGAGGFLWGS DRKTPPAGREETSSNLPGKEHPGRPPSSPTDATIGQYVKK IQELLQE QWNCLEHGYPELASAIKQPASKLSSIQS QLLSSLNLLLSAYS AQAHPPKEP

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PASSSSPPVEISPSTSLKSIMKKKDYGFRAGGNGTKKNLQFVGVNGGYETTSSEETS
 GEDSTPEDLSDSEAEKKCDGPDHKKHVKDAHLTCEAGQGIPEGTCHAAQESGPGE
 VPHSKAERYKPSEEFNLACRALSQHLPETGTTTTDQLLRQSLNTISQEWFRVSSRKSS
 SPAVVASYLHEVQPHSPHFLKLLVNLADRNGNTALHYSVSHSNFSIAKLLLETGVCN
 VDHQNKAGYTAVMITPLASAETNEDMAVVWKLREGNVNIQATQGGQTALMLGVSH
 DREDMVQALLSCQADVNLQDHDGSSALMLACHHGNVDLVRLLLAHPACDSSLTDK
 AGRTALSIALKSPTHMEIAGLLRAHAEQGRSLGLTRTRPLEQKLISEEDLAANDILDYK
 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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