Recombinant Human PRUNE2 protein, His-tagged

Cat. No. PRUNE2-1998H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRUNE2 protein(1-259 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-259 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MEEFLQRAKSKLNRSKRLEKVHVVIGPKSCDLDSLISTFTYAYFLDKVSPPGVLCLPV LNIPRTEFNYFTETRFILEELNISESFHIFRDEINLHQLNDEGKLSITLVGSSVLASEDKT LESAVVKVINPVEQSDANVEFRESSSSLVLKEILQEAPELITEQLAHRLRGSILFKWMT MESEKISEKQEEILSILEEKFPNLPPREDIINVLQETQFSAQGLSIEQTMLKDLKELSDG EIKVAISTVSMNLEVRVGMLF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	PRUNE2 prune homolog 2 (Drosophila) [Homo sapiens]
Official Symbol	PRUNE2
Synonyms	PRUNE2; prune homolog 2 (Drosophila); C9orf65, chromosome 9 open reading frame 65 , KIAA0367; protein prune homolog 2; A214N16.3; bA214N16.3; BMCC1; BNIPXL; truncated PRUNE2; BNIP2 motif-containing molecule at the C-terminal region 1; BCH motif-containing molecule at the carboxyl terminal region 1; BNIP2 motif containing molecule at the carboxyl terminal region 1; C9orf65; KIAA0367; RP11-58J3.2; FLJ50060; FLJ54876; FLJ59118; DKFZp762K117;
Gene ID	158471
mRNA Refseq	NM_015225
Protein Refseq	NP_056040
MIM	610691
UniProt ID	Q8WUY3

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