

Recombinant Human PRUNE2 protein, GST-tagged

Cat. No. PRUNE2-301129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRUNE2 protein(1-259 aa), fused with N-terminal GST 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 ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). 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 100 mM reduced glutathione (GSH).
AASequence	MEEFLQRAKSKLNRSKRLEKVHVIGPKSCDLDSLSTFTYAYFLDKVSPPGVLCPLV LNIPRTEFNFTETRFLEELNISESFHIFRDEINLHQLNDEGKLSITLVGSSVLASEDKT LESVVVKVINPVEQSDANVEFRESSSSSLVLKEILQEAPELITEQLAHLRGRSILFKWMT MESEKISEKQEEILSILEEKFPNLPREDIINVLTQETQFSAQGLSIEQTMLKDLKELSDG 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

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/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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SDS-PAGE

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