

Recombinant Human PRUNE Protein (1-168 aa), His-tagged

Cat. No. PRUNE-1055H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRUNE Protein (1-168 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length of Isoform 6.
Species	Human
Source	E.coli
ProteinLength	1-168 aa
Description	Phosphodiesterase (PDE) that has higher activity toward cAMP than cGMP, as substrate. Plays a role in cell proliferation, is able to induce cell motility and acts as a negative regulator of NME1.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	22.5 kDa
AA Sequence	MLRKDQKTIYRQGVKVAISAIYMDLEICEVLSHSPPLKLTPASSTHPNLHAYLQGN TQVSRKKLLPLLQEALSAYFDSMKIPSGQPETADVSREQVDKELDRASNSLISGLSQ DEEDPPLPPTPMNSLVDECPLDQGLPKLSAEAVFEKCSQISLSQSTTASLSKK
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name

PRUNE prune homolog (Drosophila) [Homo sapiens]

Official Symbol

PRUNE

Synonyms

PRUNE; DRES 17; HTCD37; DRES17; DRES-17;

Gene ID

58497

mRNA Refseq

NM_021222

Protein Refseq

NP_067045

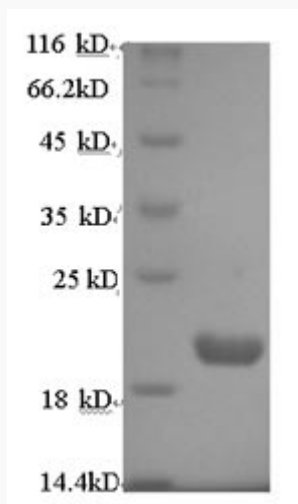
UniProt ID

Q86TP1

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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