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	MLRKDQKTIYRQGVKVAISAIYMDLEICEVLERSHSPPLKLTPASSTHPNLHAYLQGN TQVSRKKLLPLLQEALSAYFDSMKIPSGQPETADVSREQVDKELDRASNSLISGLSQ DEEDPPLPPTPMNSLVDECPLDQGLPKLSAEAVFEKCSQISLSQSTTASLSKK
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

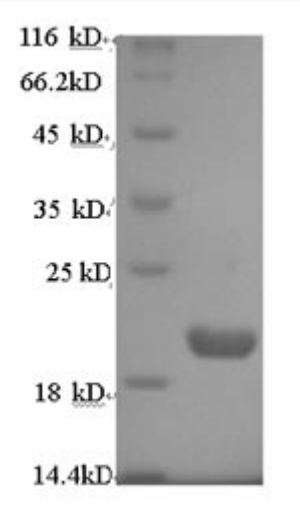
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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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