

Recombinant Human PES1 protein, His & T7-tagged

Cat. No. PES1-1753H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PES1 aa. (Met1~Ser415 (Accession # O00541)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Ser415
Description	This gene encodes a nuclear protein that contains a breast cancer associated gene 1 (BRCA1) C-terminal interaction domain. The encoded protein interacts with BOP1 and WDR12 to form the PeBoW complex, which plays a critical role in cell proliferation via pre-rRNA processing and 60S ribosomal subunit maturation. Expression of this gene may play an important role in breast cancer proliferation and tumorigenicity. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Pseudogenes of this gene are located on the long arm of chromosome 4 and the short arm of chromosome 9.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 51.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

 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

Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	9.2

GENE INFORMATION

Gene Name	PES1 pescadillo ribosomal biogenesis factor 1 [Homo sapiens (human)]
Official Symbol	PES1
Synonyms	PES1; pescadillo ribosomal biogenesis factor 1; PES; NOP7; pescadillo homolog; pescadillo homolog 1, containing BRCT domain
Gene ID	23481
mRNA Refseq	NM_001243225.1
Protein Refseq	NP_001230154.1

 Tel: 1-631-559-9269 1-516-512-3133

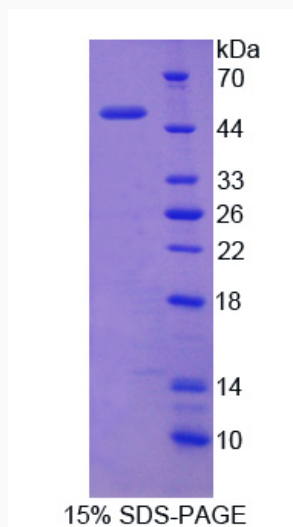
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

O00541

SDS-PAGE

 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