

Recombinant Human PI15 Protein, His-tagged

Cat. No. PI15-2588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PI15 Protein (Ser20-Lys258) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser20-Lys258
Description	This gene encodes a trypsin inhibitor. The protein shares similarity to insect venom allergens, mammalian testis-specific proteins and plant pathogenesis-related proteins. It is frequently expressed in human neuroblastoma and glioblastoma cell lines, and thus may play a role in the central nervous system.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.8 kDa Accurate Molecular Mass: 31 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 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

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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	PI15 peptidase inhibitor 15 [Homo sapiens (human)]
Official Symbol	PI15
Synonyms	PI15; peptidase inhibitor 15; protease inhibitor 15; P25TI; PI-15; CRISP-8; sugarCrisp; 25 kDa trypsin inhibitor; cysteine-rich secretory protein 8; P24TI; CRISP8; DKFZp686F0366;
Gene ID	51050
mRNA Refseq	NM_015886
Protein Refseq	NP_056970
MIM	607076
UniProt ID	O43692

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