

Recombinant Human PTPN5 protein, His-SUMO-tagged

Cat. No. PTPN5-3389H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPN5 protein(P54829)(300-555aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	300-555aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	45.5 kDa
AA Sequence	LQAEFFEIPMNFVDPKEYDIPGLVRKNRYKTILPNPHSRVCLTSPDPDDPLSSYINAN YIRGYGGEEKVYIATQGPIVSTVADFWRMVWQEHTPIIVMITNIEEMNEKCTEYWPEE QVAYDGV EITVQKVIHTEDYRLRLISLKS GTEERGLKHYWFTSWPDQKTPDRAPLL HLVREVEEAAQQEGPHCAPIIVHCSAGIGRTGCFIATSICCQQLRQEGVVDILKTTTCQ LRQDRGGMIQTCEQYQFVHHVMSLY
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

 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

repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name

PTPN5 protein tyrosine phosphatase, non-receptor type 5 (striatum-enriched) [Homo sapiens]

Official Symbol

PTPN5

Synonyms

PTPN5; protein tyrosine phosphatase, non-receptor type 5 (striatum-enriched); PTPSTEP; STEP;

Gene ID

5776

MIM

176879

UniProt ID

P54829

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