

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 GTEERGLKH YWFTSWPDQKTPDRAPLL HLVREVEEAAQQEGPHCAPIIVHCSAGIGRTGCFIATSICCQQLRQEGVVDILKTTCCQ 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

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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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