

PTPN11 recombinant protein

Recombinant Human PTPN11 protein, N-His Tag

CATALOG # AAA41028	HOST E Coli	REACTIVITY Homo sapiens (Human)
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PRODUCT SYNONYMS

PTPN11; Recombinant Human PTPN11 protein; N-His Tag; Protein-tyrosine phosphatase 2C; SH-PTP2; SHPTP2; SH-PTP3; PTP-1D; PTP-2C; PTP2C; Shp2; Protein-tyrosine phosphatase 1D; Tyrosine-protein phosphatase non-receptor type 11; SHP-2; PTPN11 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Homo sapiens (Human)
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized. Lyophilized from PBS pH 7.4, 0.2% NLS, 5% Trehalose, 5% Mannose, 1mM EDTA.
Reconstitution	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
Construction	A DNA sequence encoding the Human PTPN11 (Met1-Arg593) was fused with the N-His Tag
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for ~12 months from the date of receipt. Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details. In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise

ADDITIONAL INFORMATION

Product Categories/Family for PTPN11 recombinant protein	Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33356177
NCBI GeneID	5781
NCBI Accession #	NP_002825.3
NCBI GenBank Nucleotide #	NM_002834.3
UniProt Accession #	Q06124; Q96HD7; A8K1D9
Molecular Weight	74.78 KDA
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 11 isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 11
NCBI Official Symbol	PTPN11
NCBI Official Synonym Symbols	CFC; NS1; SHP2; BPTP3; PTP2C; PTP-1D; SH-PTP2; SH-PTP3

NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 11; PTP-2C; protein-tyrosine phosphatase 1D; protein-tyrosine phosphatase 2C
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 11
UniProt Gene Name	PTPN11
UniProt Synonym Gene Names	PTP2C; SHPTP2; PTP-1D; PTP-2C; SHP-2; Shp2
UniProt Entry Name	PTN11_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ptpn11-recombinant-protein-e-coli/41028>