

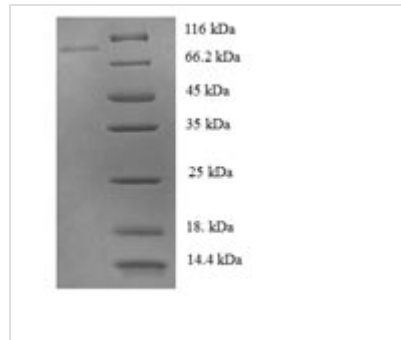


Recombinant Human Tyrosine-protein phosphatase non-receptor type 6(PTPN6)

Product Code	CSB-EP019043HU
Relevance	Modulates signaling by tyrosine phosphorylated cell surface receptors such as KIT and the EGF receptor/EGFR. The SH2 regions may interact with other cellular components to modulate its own phosphatase activity against interacting substrates. Together with MTUS1, induces UBE2V2 expression upon angiotensin II stimulation. Plays a key role in hematopoiesis.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P29350
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Hematopoietic cell protein-tyrosine phosphatase Protein-tyrosine phosphatase 1C ;PTP-1C Protein-tyrosine phosphatase SHP-1 SH-PTP1
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MLSRGVGDQVTHIRIQNSGDFYDLYGGEK FATLTELVEYYTQQQGVLQDRDG TIIHLKYPLNCSDPTSERWYHGHMSGGQAETLLQAKGEPWTFVRESLSQPG DFVLSVLSDQPKAGPGSPLRVTHIKVMCEGGRYTVGGLETFDLSDLVEHFVK TGIEEASGAFVYLRQPYATRVNAADIENRVLELNKKQESED TAKAGFWEEFE SLQKQEVKNLHQRLEGQRPENKGNRYKNILPFDHSRVLQGRDSNIPGSDYI NANYIKNQLLGPDENAKTYIASQGCLEATVNDFWQMAWQENS RVIVMTTREV EKGRNKCVPYWPVEVGMQRAYGPYSVTNCGEHDTTEYKLRTLQV SPLDNGDLI REIWHYQYLSWPDHGV PSEPGGVLSFLDQINQRQESLPHAGPIIVHCSAGIGR TGTIIVIDMLMENISTKGLDCDIDIQKTIQM VRAQRSGMVQTEAQYKFIYVAIAQF IETTKKKLEVLQSQKGQSEYGNITYPPAMKNAHAKASRTSSKHKEDVYENLH TKNKREEKVKKQRSADKEKSKGSLKRK
Research Area	Cancer
Source	E.coli
Gene Names	PTPN6
Expression Region	1-597aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	79.1kDa

**Protein Description**

Full Length of Isoform 2

Image

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.