





Recombinant Human Tyrosine-protein phosphatase non-receptor type 5(PTPN5), partial

Product Code	CSB-EP019042HU
	May regulate the activity of several effector molecules involved in synaptic plasticity and neuronal cell survival, including MAPKs, Src family kinases and NMDA receptors.
	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.	P54829
Storage Buffer	Tris-based buffer,50% glycerol
	Neural-specific protein-tyrosine phosphatase;Striatum-enriched protein-tyrosine phosphatase;STEP
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
	LQAEFFEIPMNFVDPKEYDIPGLVRKNRYKTILPNPHSRVCLTSPDPDDPLSSYI NANYIRGYGGEEKVYIATQGPIVSTVADFWRMVWQEHTPIIVMITNIEEMNEKC TEYWPEEQVAYDGVEITVQKVIHTEDYRLRLISLKSGTEERGLKHYWFTSWPD QKTPDRAPPLLHLVREVEEAAQQEGPHCAPIIVHCSAGIGRTGCFIATSICCQQ LRQEGVVDILKTTCQLRQDRGGMIQTCEQYQFVHHVMSLY
Source	E.coli
Gene Names	PTPN5
Expression Region	300-555aa
	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	45.5kDa
Protein Description	Partial
Image	

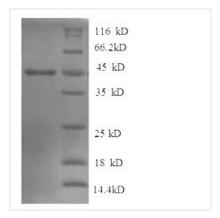
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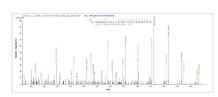




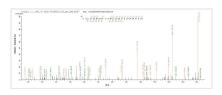




(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP019042HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) PTPN5.



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