



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

Product Code	CSB-EP019042HU
Relevance	May regulate the activity of several effector molecules involved in synaptic plasticity and neuronal cell survival, including MAPKs, Src family kinases and NMDA receptors.
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.	P54829
Storage Buffer	Tris-based buffer,50% glycerol
Alias	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.
Sequence	LQAEFFEIPMNFVDPKEYDIPGLVRKNRYKTILPNPHSRVCLTSPDPDDPLSSYI NANYIRGYGGEEKVYIATQGPIVSTVADFWRMVWQEHTPIIVMITNIEEMNEKC TEYWPEEQVAYDGV EITVQKVIHTEDYRLRLISLKS GTEERGLKHYWFTSWPD QKTPDRAPLLHLVREVEEAAQQEGPHCAPIIVHCSAGIGRTGCFIATSICCQQ LRQEGVVDILKTTTCQLRQDRGGMIQTCEQYQFVHHVMSLY
Source	E.coli
Gene Names	PTPN5
Expression Region	300-555aa
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	45.5kDa
Protein Description	Partial
Image	

