



Recombinant Human Tyrosine-protein kinase ITK/TSK (ITK)

Product Code	CSB-MP600145HU
Abbreviation	ITK
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.	Q08881
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MNNFILLEEQ LIKKSQQKRR TSPSNFKVRF FVLTKASLAY FEDRHGKKRT LKGSIELSRI KCVEIVKSDI SIPCHYKYPF QVVHDNYLLY VFAPDRESRQ RWVLALKEET RNNNSLVPKY HPNFWMDGKW RCCSQLEKLA TGCAQYDPTK NASKKPLPPT PEDNRRPLWE PEETVVIALY DYQTNDPQEL ALRRNEEYCL LDSSEIHWWR VQDRNGHEGY VPSSYLVEKS PNNLETYEWY NKSISRDKAE KLLLDTGKEG AFMVRDSRTA GYTVSVFTK AVVSENNPCI KHYHIKETND NPKRYYYVAEK YVFDSIPLLI NYHQHNGGGL VTRLRYPVCF GRQKAPVTAG LRYGKWWIDP SELTFVQEIG SGQFGLVHLG YWLNKDKVAI KTIREGAMSE EDFIEEAEVM MKLSHPKLVQ LYGVCLEQAP ICLVFEFMEH GCLSDYLRTQ RGLFAAETLL GMCLDVCEGM AYLEEACVIH RDLAARNCLV GENQVIKVSF FGMTRFVLDL QYTSSTGTFK PVKWASPEVF SFSRYSSKSD VWSFGVLMWE VFSEGKIPYE NRSNSEVVED ISTGFRLYKP RLASTHVVYQI MNHWCWERPE DRPAFSRLLR QLAEIAESGL
Source	Mammalian cell
Target Names	ITK
Protein Names	Recommended name: Tyrosine-protein kinase ITK/TSK EC= 2.7.10.2 Alternative name(s): Interleukin-2-inducible T-cell kinase Short name= IL-2-inducible T-cell kinase Kinase EMT T-cell-specific kinase Tyrosine-protein kinase
Expression Region	1-620
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes an intracellular tyrosine kinase expressed in T-cells. The protein contains both SH2 and SH3 domains which are often found in intracellular kinases. It is thought to play a role in T-cell proliferation and



differentiation.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

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