



Recombinant Human Tigger transposable element-derived protein 1 (TIGD1)

Product Code	CSB-EP839377HU-B
Abbreviation	TIGD1
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.	Q96MW7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MASKCSSERK SRTSLTLNQK LEMIKLSEEG MSKAEIGRRL GLLRQTVSQQV VNAKEKFLKE VKSATPMNTR MIRKRNSLIA DMEKVLVWWI EDQTSRNIPL SQSLIQNKAL TLFNSMKAER GVEAAEEKFE ASRGWFMRFK ERSHFHNIKA QGEAASADVE AAASYPEALA KIIDEGGYTK QQIFNVDATA FYWKKMPSRT FIAREEKSVF GFKASKDRLT LLLGANAAGD FKLKPMLIYH SENPRALKNY TKSTLPVLYK WNSKARMTAH LFTAWFTEYF KPTVETYCSE KKIPFKILL IDNAPSHPra LMEIYEEINV IFMPANTTSI LQPMDQGVIS TFKSYLRNT FHKALAAMDS DVSDGSGQSK LKTFWKGFTI LDAIKNIRDS WEEVKLSTLT GVWKKLIPTL IDDYEGFKTS VEEVSADVVE IAKELELEVE PEDVTELLQS HDKTLTDEEL FLMDAQRKWF LEMESTPGED AVNIVEMTTK DLEYINLVD KAAAGFERID SNFERSSTVG KMLSNSIACY REIFHERKSQ LMRKASPMSY FRKLPQPPQP SAATTLTSQQ PSTSRQDPPP AKRVRLTEGS D
Source	E.coli
Target Names	TIGD1
Protein Names	Recommended name: Tigger transposable element-derived protein 1
Expression Region	1-591
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 protein belongs to the tigger subfamily of the pogo superfamily of DNA-mediated transposons in humans. These proteins are related to DNA transposons found in fungi and nematodes, and more distantly to the Tc1 and mariner transposases. They are also very similar to the major mammalian centromere protein B. The exact function of this gene is not known.
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

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.