



Recombinant Human Tigger transposable element-derived protein 4 (TIGD4)

Product Code	CSB-BP818256HU
Abbreviation	TIGD4
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.	Q8IY51
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAEASVDAST LPVTVKKKKS LSIEEKIDII NAVESGKKKA EIAAEYGIKK NSLSSIMKNK DKVLEAFESL RFDPKRKRLR TAFYTDLEEA LMRWYRIAQC LNVPVNGPML RLKANDFAQK LGHNDFKCSN GWLDRFKSRY GLVFRAQPVE ATGVPVDPST VWYQNVLPYY LNDYHPKNVF NIKETGLLYR MLPTNTFAFK GETCSVGKLC KDRITLVVGT NMDGSEKLPL LVIGKKRTPH CFKGLKSLPV CYEANRMAWM TSDVFEQWMR KLDEEFQAQQ RRVVIFVESF PAHPEVKNLK SIELAFFPSC LSSKCIAMKQ GVIKSLKIKY RHCLIKKFLS SVEGSKEFTF SLLDAVDTLH LCWRAVTPET IVKSYEEAGF KSQKGESDIT NAEKDTGLDL VADALGAGVE FPEGLSIEEY AALDDDLETC EAAPNGDSIC TKESKSDETG FYTSDEEDDD GSPGTELPLP SKSEAITALD TLKKFLRSQD MNDGLQNSLA DLENFINSLS PK
Source	Baculovirus
Target Names	TIGD4
Protein Names	Recommended name: Tigger transposable element-derived protein 4
Expression Region	1-512
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.