



Recombinant Human Toll-like receptor 8 (TLR8), partial

Product Code	CSB-MP023607HU
Abbreviation	TLR8
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.	Q9NR97
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	EENFSRSYPCDEKKQNDVIAECSNRRLQVEVPQTVGKYVTELDLSDNFITHITN ESFQGLQNLTKINLNHNPNVQHQNGNPGIQSNGLNITDGAFNLNLKLNRELLLED NQLPQIPSGLPESLTELSQLNNIYNITKEGISRLINLKNLYLAWNCYFNKVCEKT NIEDGVFETLTNLELLSLSFNLSHVPPKLPSSLRKLFSLNTQIKYISEEDFKGLI NLTLDDLSGNCPRCFNAPFPCVPCDGGASINIDRFAFQNLTLRLYLNLSSLSLR KINAAWFKNMPHLKVLDLEFNLYLVEIASGAFLTMLPRLEILDLSFNLYIKGSYPQ HINISRNFSKLLSLRALHLRGYVFQELREDDFQPLMQLPNLSTINLGINFIKQIDF KLFQNFNLEIIYLSENRISPLVKDTRQSYANSSSFQRHIRKRRSTDFEFDPHSN FYHFTRPLIKPQCAAYGKALDLSLNSIFFIGPNQFENLPDIACLNLSANSNAQVL SGTEFSAIPHVKYLDLTNNRLDFDNASALTELDLSDLEVLDSLNSHYFRIAGVTH HLEFIQNFTNLKVLNLSHNNIYTLTDKYNLESKSLVELVFSGNRLDILWNDDDNR YISIFKGLKNLTRLDSLNRKHIPNEAFLNLPASLTELHINDNMLKFFNWTLLQQ FPRLELLDLRGNKLLFLTDSLSDFTSSLRLLLLSHNRISHLPSGFLSEVSSLKHL DLSSNLLKTINKSALETKTTTKLSMLELHGPNPFECTCDIGDFRRWMDEHLNVKI PRLVDVICASPGDQRGKSIVSLELTTCVSDVT
Research Area	Immunology
Source	Mammalian cell
Target Names	TLR8
Protein Names	Recommended name: Toll-like receptor 8 Alternative name(s): CD_antigen=CD288
Expression Region	27-827
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	Partial
Target Details	This protein is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity.



TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is predominantly expressed in lung and peripheral blood leukocytes, and lies in close proximity to another family member, TLR7, on chromosome X.

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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