



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

Product Code	CSB-YP023607HU
Relevance	Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific to microorganisms. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
Abbreviation	Recombinant Human TLR8 protein, partial
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 Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
Sequence	EENFSRSYPCDEKKQND SVIAECSNRRLQVEVPQTVGKYVTELDLSDNFITHITN ESFQGLQNLTKINLNHNPNVQHQNNGPIQSNGLNITDGAFLNLKLNRELLLED NQLPQIPSGLPESLTEL SLIQNNIYNITKEGISRLINLKNLYLAWNCYFNKVCEKT NIEDGVFETLTNLELLSLSFNLSHVPPKLPSSLRKLFLSNTQIKYISEEDFKGLI NLTLDDLSGNCPRCFNAPFCVPCDGGASINIDRFAFQNLTLRLYLNLSSLSLR KINAAWFKNMPHLKVLDLEFNLYVGEIASGAFLTMLPRLEILDLSFNLYIKGSYPQ HINISRNFSKLLSLRALHLRGYVFQELREDDFQPLMQLPNLSTINLGINFIKQIDF KLFQNFNLEIYYLSENRI SPLVKDTRQSYANSSSFQRHIRKRRSTDFEFDPHSN FYHFTRPLIKPQCAAYGKALDLSLNSIFFIGPNQFENLPDIACLNLSANSNAQVL SGTEFSAIPHVKYLDLTNNRLDFDNASALTELDLEVLDSLNSHYFRIAGVTH HLEFIQNFTNLKVLNLSHNNIYTLTDKYNLESKSLVELVFSGNRLDILWNDDDNR YISIFKGLKNLTRLDSLNR LKHIPNEAFLNLPASLTELHINDNMLKFFNWTLLQQ FPRLELLDLRGNKLLFLTDSLSDFTSSLR TLLLSHNRISHLP SGFLSEVSSLKHL DLSSNLLKTINKSALETKT TTKLSMLELHGPNPFECTCDIGDFRRWMDEHLNVKI PRLVDVICASPGDQRGKSIVSLELTTCVSDVT
Research Area	Immunology
Source	Yeast
Target Names	TLR8
Protein Names	Recommended name: Toll-like receptor 8 Alternative name(s): CD_antigen=CD288
Expression Region	27-827



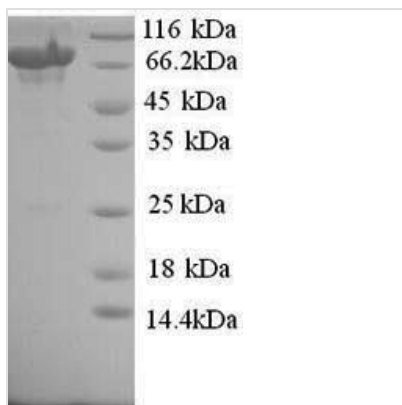
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Tag Info N-terminal 6xHis-tagged

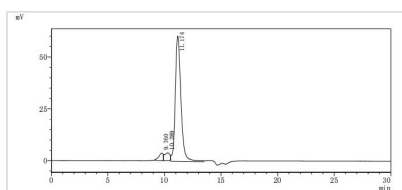
Mol. Weight 93.5kDa

Protein Length partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



The purity of TLR8 was greater than 90% as determined by SEC-HPLC

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.