Recombinant Mouse Toll-like receptor 7(Tlr7),partial

Catalog No: #AP70856

Package Size: #AP70856-1 20ug #AP70856-2 100ug #AP70856-3 1mg

Signalway Antibody
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Description

Product Name	Recombinant Mouse Toll-like receptor 7(Tlr7),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-348aaSequence Info:Partial
Accession No.	P58681
Calculated MW	63.8 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	FRWFPKTLPCEVKVNIPEAHVIVDCTDKHLTEIPEGIPTNTTNLTLTINHIPSISPDSFRRLNHLEEIDLRCNCVPV LLGSKANVCTKRLQIRPGSFSGLSDLKALYLDGNQLLEIPQDLPSSLHLLSLEANNIFSITKENLTELVNIETLYLG QNCYYRNPCNVSYSIEKDAFLVMRNLKVLSLKDNNVTAVPTTLPPNLLELYLYNNIIKKIQENDFNNLNELQVLD LSGNCPRCYNVPYPCTPCENNSPLQIHDNAFNSLTELKVLRLHSNSLQHVPPTWFKNMRNLQELDLSQNYLA REIEEAKFLHFLPNLVELDFS
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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. TLR7 is a nucleotide-sensing TLR which is activated by single-stranded RNA. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

References

UNC93B1 delivers nucleotide-sensing toll-like receptors to endolysosomes.Kim Y.M., Brinkmann M.M., Paquet M.E., Ploegh H.L.Nature 452:234-238(2008) Research Topic:Others