

Recombinant Mouse Thy1 protein, His-tagged

Cat. No. Thy1-6911M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Thy1 aa. (Gln20~Cys131 (Accession # P01831)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gln20~Cys131
Description	This gene encodes a glycoprotein that is anchored to the cell surface of thymocytes, neuronal and other cells through a glycosyl-phosphatidylinositol moiety. A soluble form of the encoded protein has also been detected in serum and cerebrospinal fluid. The encoded protein undergoes further processing to generate the mature protein which mediates cell-cell interactions to trigger downstream signaling pathways.
Form	Freeze-dried powder
Molecular Mass	14 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.0.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Thy1 thymus cell antigen 1, theta [<i>Mus musculus</i> (house mouse)]
Official Symbol	Thy1
Synonyms	Thy1; thymus cell antigen 1, theta; T25; CD90; Thy-1; Thy1.1; Thy1.2; Thy-1.2; thy-1 membrane glycoprotein; thy-1 antigen
Gene ID	21838
mRNA Refseq	NM_009382.3
Protein Refseq	NP_033408.1
UniProt ID	P01831

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