

Thy1 Cell Surface Antigen (Thy1) Recombinant Protein | Thy1 recombinant protein

Recombinant Thy1 Cell Surface Antigen (Thy1)

CATALOG # AAA134758	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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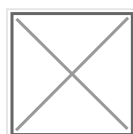
PRODUCT SYNONYMS

Thy1 Cell Surface Antigen (Thy1); Recombinant Thy1 Cell Surface Antigen (Thy1); Thy1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSSEF-QK VTSLTACLVD QSLRLDCRHE NTSSSPIQYE FSLTRETKKH VLFGTGVPE HTYRSRTNFT SKYNMKVLYL SAFTSKDEGT YTCALHHS GH SPPISSQNVT VLRDKLVKCE GI
Sequence Length	161
Applicable Applications for Thy1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Gln20-Ile133 (Accession # P04216) with N-terminal His-Tag
Subcellular Location	Cell membrane; Lipid-anchor, GPI-anchor.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted isoelectric point	8.7
Predicted Molecular Mass	14.4kDa
Reconstitution	Reconstitute in sterile ddH ₂ O.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923362
NCBI GeneID	7070
NCBI Accession #	NP_006279.2
NCBI GenBank Nucleotide #	NM_006288.3
UniProt Accession #	P04216; Q16008; Q9NSP1
NCBI Official Full Name	thy-1 membrane glycoprotein preproprotein
NCBI Official Synonym Full Names	Thy-1 cell surface antigen
NCBI Official Symbol	THY1
NCBI Official Synonym Symbols	CD90
NCBI Protein Information	thy-1 membrane glycoprotein; CDw90; thy-1 antigen; Thy-1 T-cell antigen
UniProt Protein Name	Thy-1 membrane glycoprotein
UniProt Gene Name	THY1
UniProt Entry Name	THY1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/thy1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134758>