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# Recombinant Linker For Activation Of T-Cell (LAT)

**Catalog Number: SIPA530Mu01** **Spec: 100ug**

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|---|---|
| **Product Name** | Recombinant Linker For Activation Of T-Cell (LAT) |
| **Catalog Number** | SIPA530Mu01 |
| **Organism Species** | Mouse |
| **Residues** | Cys30~Asn237 (Accession # O54957), with two N-terminal Tags, His-tag and T7-tag. |
| **Host** | E. coli |
| **Subcellular Location** | Cell membrane; Single-pass type III membrane protein. |
| **Purity** | >95% |
| **Endotoxin Level** | <1.0EU per 1μg (determined by the LAL method). |
| **Formulation** | Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl. |
| **Predicted isoelectric point** | 4.3 |
| **Predicted Molecular Mass** | 26.0kDa |
| **Applications** | SDS-PAGE; WB; ELISA; IP. (May be suitable for use in other assays to be determined by the end user.) |

**[ USAGE ]**

Reconstitute in sterile PBS, pH7.2-pH7.4.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8oC for one month.

Aliquot and store at -80oC 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 37oC 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.

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**[ SEQUENCES ]**

The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below.

MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGS- C RELPVSYDST STESLYPRSI LIKPPQITVP RTPAVSYPLV TSFPPLRQPD LLPIPRSPQP LGGSHRMPSS QQNSDDANSV ASYENQEPAC KNVDADEDED DYPNGYLVVL PDSSPAAVPV VSSAPVPSNP DLGDSAFSVE SCEDYVNVPE SEESAEASLD GSREYVNVSP EQQPVTRAEL ASVNSQEVED EGEEEGVDGE EAPDYEN