

CD37 Protein, Human (Cell-Free, His)

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| Cat. No.: | HY-P702240 |
| Synonyms: | Leukocyte antigen CD37; Tetraspanin-26; Tspan-26; TSPAN26 |
| Species: | Human |
| Source: | E. coli Cell-free |
| Accession: | P11049 (M1-R281) |
| Gene ID: | 951 |
| Molecular Weight: | 34.5 kDa |

PROPERTIES

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| AA Sequence | <pre> MSAQESC LSL I KYFLFVFN L FFFVLGSLIF CFGIWILIDK TSFVSFVGLA FVPLQIWSKV LAISGIFTMG IALLGCVGAL KELRCLLGLY FGMLLLLFAT QITLGILIST QRAQLERSLR DVVEKTIQKY GTNPEETA AE ESWDYVQFQL RCCGWHYPQD WFQVLI LRGN GSEAHRVPCS CYNLSATNDS TILDKVILPQ LSRLGHLARS RHSADICAVP AESHIYREGC AQGLQKWLHN NLISIVGICL GVGLLELGFM TLSIFLCRNL DHVYNRLARY R </pre> |
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Endotoxin Level | <1 EU/µg, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

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| Background | CD37 protein is known to interact with SCIMP, indicating a functional association between these two molecules. CD37 is a transmembrane protein that belongs to the tetraspanin family and is primarily expressed on the surface of B cells and other immune cells. It plays a role in various cellular processes, including signal transduction, adhesion, and immune modulation. |
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The interaction with SCIMP suggests a potential involvement of CD37 in immune signaling pathways or protein complex formation, but further investigation is necessary to fully elucidate the functional significance of this interaction.

Caution: Product has not been fully validated for medical applications. For research use only.

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