Recombinant Human TNFRSF17 Protein(Sumo Tag)

Catalog Number: PDEH100545



| Description | | | |
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| Species | Human | | |
| Source | E.coli-derived HumanTNFRSF17 protein Met1-Ala54, with an N-terminal Sumo | | |
| Mol_Mass | 18.8 kDa | | |
| Accession | Q02223 | | |
| Bio-activity | Not validated for activity | | |
| Properties | | | |
| Purity | >90% as determined by reducing SDS-PAGE. | | |
| Endotoxin | < 10 EU/mg of the protein as determined by the LAL method | | |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 | | |
| | °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of | | |
| | reconstituted samples are stable at $< -20^{\circ}$ C for 3 months. | | |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. | | |
| Formulation | Lyophilized from a 0.2 μ m filtered solution in PBS with 5% Trehalose and 5% | | |
| | Mannitol. | | |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of | | |
| 0.5 mg/mL. Concentration is measured by UV-Vis. | | | |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

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SDS-PAGE analysis of Human TNFRSF17 proteins, 2 µg/lane of Recombinant Human TNFRSF17 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 18.8 KD

Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation

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