

Recombinant Mouse TRAIL protein(His Tag)

Catalog Number:PKSM041490



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

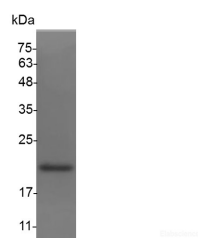
Description

Synonyms	IL36A;Interleukin-1 family member 6 (IL-1F6);FIL1ε (FIL1E);Interleukin-1ε (IL1E);Fi;Fil;Fil1;IL-1;IL-1H1;IL1RP2
Species	Mouse
Expression Host	E.coli
Sequence	Pro 117-Asn 291
Accession	P50592
Calculated Molecular Weight	21.0 kDa
Observed molecular weight	17-25 kDa
Tag	C-His
Bioactivity	Measure by its ability to induce cytotoxicity in L929 cells in the presence of actinomycin D.The ED ₅₀ for this effect is < 1 ng/mL.

Properties

Purity	> 98 % as determined by reducing SDS-PAGE.
Endotoxin	< 0.1 EU per µg 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°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 98 % as determined by reducing SDS-PAGE.

Background

Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis.

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