

Product datasheet

Recombinant human TRAIL protein ab109360

Description

Product name	Recombinant human TRAIL protein	
Biological activity	Induces apoptosis of Human Jurkat T cells in a concentration range of 5-50ng/ml in the presence of 1µg/ml TNF Ligands Enhancer. In the absence of TNF Ligands Enhancer, ab109360 is poorly active.	
Purity	> 95 % SDS-PAGE.	
Endotoxin level	< 0.100 Eu/µg	
Expression system	Escherichia coli	
Accession	P50591	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	TSEETISTVQEKQQNISPLVRE RGPQRVA AHITGTRGRSNT LSSPN SKNEKALGRKINSWESSRSGHSF LSNLHLRNGELVIHEKG FYYYSQTYF RFQEEIKENTKNDKQMVQY YKYTSYPDPILLMKSARNSCW SKDAEYGLY SIYQGGIFELKENDRIFVSVT NEHLIDMDHEASFFGAFLVG	
Predicted molecular weight	23 kDa including tags	
Amino acids	95 to 281	
Tags	DDDDK tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab109360** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. Constituent: PBS This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Reconstitute with 100µl sterile water. PBS containing at least 0.1% BSA should be used for further dilutions.

General Info

Function	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.
Tissue specificity	Widespread; most predominant in spleen, lung and prostate.
Sequence similarities	Belongs to the tumor necrosis factor family.
Cellular localization	Membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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