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Datasheet for ABIN1047805

TRAIL Protein (AA 39-281) (GST tag)

1 Image

1 Publication

Overview

Quantity:	100 µg
Target:	TRAIL (TNFSF10)
Protein Characteristics:	AA 39-281
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRAIL protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	TNELKQMQDK YSKSGIACFL KEDDSYWDPN DEESMNPCW QVKWQLRQLV RKMILRTSEE TISTVQEKQQ NISPLVRERG PQRVAAHITG TRGRSNTLSS PNSKNEKALG RKINSWESSR SGHSFLSNLH LRNGELVIHE KGFYIYSQT YFRFQEEIKE NTKNDKQMVQ YIYKYTSYPD PILLMKSARN SCWSKDAEYG LYSIQGGIF ELKENDRIFV SVTNEHLIDM DHEASFFGAF LVG
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	TRAIL (TNFSF10)
Alternative Name:	Tumor necrosis factor ligand superfamily member 10 protein (TNFSF10 Products)

Target Details

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.
Molecular Weight:	55.8 kD
UniProt:	P50591
Pathways:	Apoptosis , Positive Regulation of Endopeptidase Activity

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

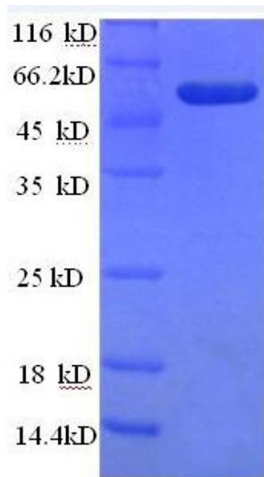
Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

Publications

Product cited in: Hartter, Khalafpour, Missbichler, Hawa, Woloszczuk: "Enzyme immunoassays for fragments (epitopes) of human proatrial natriuretic peptides." in: **Clinical chemistry and laboratory medicine : CCLM / FESCC**, Vol. 38, Issue 1, pp. 27-32, (2000) ([PubMed](#)).

Images



SDS-PAGE

Image 1. Tumor Necrosis Factor (Ligand) Superfamily, Member 10 (TNFSF10) (AA 39-281) protein (GST tag)