
Product Data Sheet

Product Name: TIFA Human
 Cat. No.: GP24836
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	TRAF-interacting protein with FHA domain-containing protein A; Putative MAPK-activating protein PM14; Putative NF-kappa-B-activating protein 20; TRAF2-binding protein; TIFA; T2BP; T6BP; TIFAA.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMTSFED ADTEETVTCL QMTVYHPGQL QCGIFQSISF NREKLPSSEV VKFGRNSNIC HYTFQDKQVS RVQFSLQLFK KFNSSVLSFE IKNMSKKTNL IVDSRELGYL NKMDLPYRCM VRFGEYQFLM EKEDGESLEF FETQFILSPR SLLQENNWPP HRPIPEYGTY SLCSSQSSSP TEMDENES.		
Formulation	TIFA protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.		

Introduction

TRAF-interacting protein with FHA domain-containing protein A (TIFA) is an adapter protein that mediates the IRAK1 and TRAF6 interaction following IL-1 stimulation, triggering the downstream activation of NF-kappa-B and AP-1 pathways. The TIFA protein stimulates the oligomerization and polyubiquitination of TRAF6, leading to the activation of TAK1 and IKK through a proteasome-independent mechanism.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TIFA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 208 amino acids (1-184 a.a.) and having a molecular mass of

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

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24kDa.TIFA is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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