

Product Datasheet

Recombinant Human TIA1 GST (N-Term) Protein H00007072-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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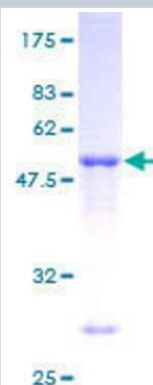
H00007072-P01-10ug**Recombinant Human TIA1 GST (N-Term) Protein**

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	49.28 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-214 of Human TIA1</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MEDEMPKTLVGNLSRDVTEALILQLFSQIGPCKNCKMIMDTAGNDPYCFVEFH EHRHAAAALAAMNGRKIMGKEVKVNWATTPSSQKKDTSSSTVVSTQRSQDHF HVFVGDLSP EITTEDIKAAFAPFGRISDARVVKDMATGKSKGYGFVSFFNKWDA ENAIQQMGGQWLGGGRQIRTNWATRKPPAPKSTYECRCIGEEKEMWNFGKEY ARF</p>
Gene ID	7072
Gene Symbol	TIA1
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, In vitro assay, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, In vitro assay, SDS-Page, Protein Array, Immunoaffinity Purification
Application Notes	Use in In vitro assay reported in scientific literature (PMID 25013173)



Images

SDS-Page: Recombinant Human TIA1 Protein [H00007072-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Bounedjah O, Desforjes B, Wu TD et al. Free mRNA in excess upon polysome dissociation is a scaffold for protein multimerization to form stress granules. *Nucleic Acids Res.* 2014-09-01 [PMID: 25013173] (In vitro)

Details:

Human recombinant TIA-1 protein used for studying its interactions with YB-1 and mRNA in-vitro using atomic force microscopy.



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Products Related to H00007072-P01-10ug

NBP2-54962PEP	TIA1 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP2-46132	TIA1 Antibody (OT11D7)
AF114	CD45 Antibody [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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