Datasheet for ABIN7547913

GID4 Protein (AA 1-300) (His tag)

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Overview

Quantity:	1 mg
Target:	GID4
Protein Characteristics:	AA 1-300
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GID4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat GID4 Protein expressed in mammalien cells.
Sequence:	MCARGQVGRG TQLRTGRPCS QVPGSRWRPE RLLRRQRAGG RPSRPHPARA RPGLSLPATL LGSRAAAAVP LPLPPALAPG DPAMPVRTEC PPPAGASAAS AASLIPPPPI NTQQPGVATS LLYSGSKFRG HQKSKGNSYD VEVVLQHVDT GNSYLCGYLK IKGLTEEYPT LTTFFEGEII SKKHPFLTRK WDADEDVDRK HWGKFLAFYQ YAKSFNSDDF DYEELKNGDY VFMRWKEQFL VPDHTIKDIS GASFAGFYYI CFQKSAASIE GYYYHRSSEW YQSLNLTHVP EHSAPIYEFR **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts.

Product Details

	• Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	GID4
Alternative Name:	GID4 (GID4 Products)
Background:	Glucose-induced degradation protein 4 homolog (Vacuolar import and degradation protein 24 homolog),FUNCTION: Substrate-recognition subunit of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1 (Probable) (PubMed:29911972). Binds proteins and peptides with a Pro/N-degron consisting of an unmodified N-terminal Pro followed by a small residue, and has the highest affinity for the peptide Pro-Gly-Leu-Trp (PubMed:29632410). Binds peptides with an N-terminal sequence of the type Pro-[Ala,Gly]-[Leu,Met,Gln,Ser,Tyr]-[Glu,Gly,His,Ser,Val,Trp,Tyr]. Does not bind peptides with an acetylated N-terminal Pro residue (PubMed:29632410). {ECO:0000269|PubMed:29632410, ECO:0000269|PubMed:29911972, ECO:0000305}.
Molecular Weight:	33.5 kDa
UniProt:	Q8IVV7

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

