

Product Datasheet

Bacterial phr protein (orb54213)

Catalog Number	orb54213
Category	Proteins
Description	This Bacterial phr protein spans the amino acid sequence from region 2-484aa. Purity: Greater than 90% as determined by SDS-PAGE.
Tag	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Form/Appearance	Liquid or Lyophilized powder
Buffer/Preservatives	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Purity	Greater than 90% as determined by SDS-PAGE.
Protein Sequence	AAPILFWHRRDLRLSDNIGLAAARAQSAQLIGLFLCLDPQILQSADMAPARVAYLQGCLQELQ QRYQQAGSRLLLLQGDQPQLIPQLAQQLQAEAVYWNQDIEPYGRDRDGQVAAALKTAGIR AVQLWDQLLHSPDQILSGSGNPYSVYGPFWKNWQAQPKPTPVATPTELVDLSPEQLTAIAP LLLSELPTLKLQGLFDWDGGFPVEPGETAAIARLQEFCDRAIADYDPQRNFPAEAGTSGLSPA LKFGAIGIRQAWRAASAAHALSRSD EARNSIRVWQQELAWREFYQHLYHFP SLADGPYRS LWQQFPWENREALFTAWTQAQTGYPIVDAAMRQLTETGWMHNR CWMIVASFLTKDLIID WRRGEQFFMQHLVDGDLAANNGGWQWSASSGMDPKPLRIFNPASQAKKFDATATYIKR WLPELRHVHPKDLISGEITPIGRRGY PAPIVNHNL RQKQFKALYNQLKAAIAEPEAEPDS
Protein Length	Full Length of Mature Protein
UniProt ID	P05327
MW	74.3 kDa
Application notes	N-terminal 6xHis-tagged: N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged 131-362AA: 2-484AAPartial: Full Length of Mature Protein

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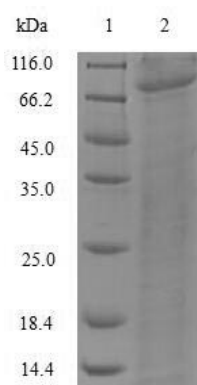
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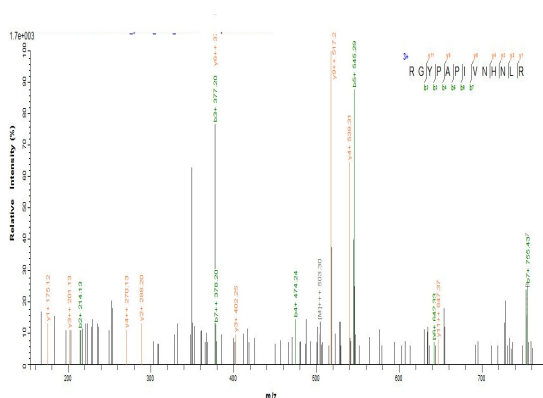
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Source	E.coli
Biological Origin	Synechococcus sp. (strain ATCC 27144 / PCC 6301 / SAUG 1402/1) (Anacystis nidulans)
Expression Region	2-484aa
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Note	For research use only
Expiration Date	6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result could indicate that this peptide derived from E.coli-expressed Synechococcus sp. (strain ATCC 27144 / PCC 6301 / SAUG 1402/1) (Anacystis nidulans) phr.

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