

Recombinant Mouse PHAX Protein Product Manual

1. Product Basic Information

Product No.: REP07781

Protein Name: Phosphorylated Adaptor For Rna Export (PHAX)

Aliases: phosphorylated adaptor for RNA export; phosphorylated adapter RNA export protein; RNA U small nuclear RNA export adapter protein

UniProt ID: Q9H814

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9H814/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-385aa)

Molecular Weight: 46.7 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (2-385aa)

ALEAGDMEEGQLSDSDSDMTVVPSDRPLQMAKVLGGGSAACAPVSHYRTVKHVD
SSEESLSDDDDCSLWKRKRQKCHNTPPKPEPFPFGPSGQKTALNGGKKNNIWV
AVLQEQNQDAVATELGILGMEGSIDRSRQSETYNYLLAKKLAKKESQEYTKELDKDL
DEYMHGDKKPGSKEDENGQGHLLKRKRVPVRDRLGNRVEMNYKGRYEITEEDAPEK
VADEIAFRLQEPKDLIARVVRLGNKKAIELLMETAEVEQNGGLFIMNGSRRRTPGG
VFLNLLKNTPSISEEQIKDIFYVENQKEYENKKAARKRRTQLLGKMKQAIKSLNFQE
DDDSRETFFASDTNEALASLDEAQEGPGETKLDAAEEAIEVDHPQDLDF

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Mouse PHAX full length of mature protein protein (2-385aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. PHAX, also known as phosphorylated adaptor for RNA export or phosphorylated adapter RNA export protein or RNA U small nuclear RNA export adapter protein, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.