



Recombinant Human KIF22

Protein Product Manual

1. Product Basic Information

Product No.: REP07284

Protein Name: A-328A3.Orip Binding Protein (KIF22)

Aliases: KID; OBP; KNSL4; OBP-OBP-SEMDJL2; A-328A3.oriP binding protein; kinesin-like protein kinesin family member 22; kinesin-like protein KIF22; kinesin-like DNA-binding protein pseudogene; origin of plasmid...

UniProt ID: Q14807

UniProt Link: <https://www.uniprot.org/uniprotkb/Q14807/entry>

Species Source: Homo sapiens (Human)

Expression System: Homo sapiens (Human)

Protein Length: Full Length (1-665aa)

Molecular Weight: 76

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-665aa)

MAAGGSTQQRREMAAASAAAISGAGRCRLSKIGATRRPPPARVRVAVRLRPFVD
GTAGASDPPCVRGMDSCSLEIANWRNHQETLKYQFADFYGERSTQQDIYAGSVQP
ILRHLLEGQNASVLAYGPTGAGKTHMLGSPEQPGVIPRALMDLLQLTREEGAEGR
PWALSVTMSYLEIYQEKVLDLLDPASGDLVIREDCRGNILIPGLSQKPISSFADFERH
FLPASRNRTVGATRLNQRSSRSRAVLLVKVDQRRERLAPFRQREGKLYLIDLAGSED
NRRTGNKGLRLKESGAINTSLFVLGKVVDALNQGLPRVPYRDSKLTRLLQDSLGGG
AHSILIANIAPERRFYLDTVSALNFAARSKEVINRPFTNESLQPHALGPVKLSQKELLG
PPEAKRARGPEEEEEIGSPEPMAAPASASQKLSPLQKLSSMDPAMLERLLSLDRLLA
SQGSQGAPLLSTPKRERMVLMKTVEEKDLEIERLTKQKELEAKMLAQKAEKENH
CPTMLRPLSHRTVTGAKPLKKAVVMPLQLIQEQAAASPNAEIHILKNKGRKRKLES
LD ALEPEEKAEDCWELQISPELLAHGRQKILDLLNEGSARDLRSLQRIGPKKAQLIVGW
RELHGPFSSQVEDLERVEGITGKQMESFLKANILGLAAGQRCGAS

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9
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 Human KIF22 full length protein (1-665aa) expressed in Homo sapiens (Human). The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. KIF22, also known as KID or OBP or KNSL4, 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.