

FOR IN VITRO RESEARCH USE ONLY.
NOT FOR USE IN HUMANS OR ANIMALS.

KIF14 Fusion Protein

Basic Information

Catalog Number:
Ag23219

Form:
Available lyophilized

Species:
human

Expression Source:
e. coli-derived, PET30a, with N-terminal 6[°]His.

Biological Activity:
Not tested

Endotoxin Level:
Please contact the lab for more information

Validated Application:
Blocking peptide

Peptide Sequence:
SDRAIQSLTIQTACAFEQLVVLMKHWLSDLLPCTNIA
RLEDELROQEVKLLGGYLQFLQGCCLDISSMIKEAQKN
AIQIVQQAVKYVYVQLAVLKGSKLHFLNENKKAASV
QEEFMDAVCDGVGLGMKILLDSGLEKAKELQHELFRQ
CTKNEVTKEMKTNAMGLIRLENIFAESKIKSFRRQVQ
EENFEYQDFKRMVNRPEFLKHKCLEKAIIEIISALKG
CHSDINLLQTCVESIRNLASDFYSDFVSPSTSVGSYES
RVTHIVHQELESIAKSLFLCFESEESPDLKWPWETYNQ
NTKEEHQQSKSSGIDGSKNKGVPKRKYELHGSSAAVS
SEECTPSRIQWV
(1299-1648 aa encoded by BC113742)

Reconstitution and Storage

Reconstitution:
Reconstitute at 0.25 µg/ µl in 200 µl sterile water for short-term storage.
After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).
If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).
Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

Shipping:
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

Stability and Storage

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

Storage of Reconstituted Protein

Short Term Storage:
Store at 2-8°C for (1-2 weeks).
Long Term Storage:
Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Selected Validation Data

