Recombinant NPS3A protein (His tag)

Catalog Number	550252
Synonyms	NipSnap3A; Protein NipSnap homolog 4; NipSnap4; Target for Salmonella secreted protein C; TassC
Species	Human
Expression System	E. coli
Accession	Q9UFN0
Molecular Weight	Predictes a molecular mass of 26.64 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 27 kDa band.

Product Information

Sequence Region	33-247
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 33-247 aa (Q9UFN0) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer 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.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant Human NipSnap3A Fragment (33-247) is a high-quality protein preparation designed for structural and biochemical research. This 215-amino acid fragment represents a stable, soluble domain of Protein NipSnap homolog 3A, carefully selected through computational analysis to ensure optimal performance in experimental applications. Protein NipSnap homolog 3A (NipSnap3A), also known as NipSnap4 or Target for Salmonella secreted protein C (TassC), is a human protein primarily localized in the cytoplasm and cytosol. Research indicates it may be associated with distinct vesicular structures separate from lysosomal vesicles, suggesting potential roles in intracellular trafficking or vesicle-mediated processes. The protein has been identified as a target for Salmonella secreted proteins, highlighting its potential significance in host-pathogen interactions and cellular defense mechanisms.