Recombinant UTS2B protein (His tag)

Catalog Number	550419
Synonyms	Urotensin II-related peptide; Urotensin IIB; U-IIB; UIIB; Urotensin-2 domain-containing protein
Species	Human
Expression System	E. coli
Accession	Q765I0
Molecular Weight	Predictes a molecular mass of 15.40 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 15 kDa band.

Product Information

Sequence Region	1-119
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, 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 1-119 aa (Q765I0) 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 Urotensin-2B (UTS2B) Fragment (1-119) is a high-purity protein designed for research applications. This fragment represents a stable and soluble unit of the potent vasoconstrictor Urotensin-2B, making it ideal for structural studies and biochemical assays. Urotensin-2B, also known as Urotensin II-related peptide, is a secreted protein that functions as a potent vasoconstrictor in humans. As a secreted factor, it plays a role in vascular regulation and is involved in physiological processes related to blood pressure control and cardiovascular function. The full-length protein's activity as a strong vasoconstrictor highlights its importance in vascular biology research and potential therapeutic targeting.