Recombinant VMA5A protein (His tag)

Catalog Number	548646
Synonyms	Breast cancer suppressor candidate 1; BCSC-1; Loss of heterozygosity 11 chromosomal region 2 gene A protein
Species	Human
Expression System	E. coli
Accession	O00534
Molecular Weight	Predictes a molecular mass of 13.59 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band.

Product Information

Sequence Region	679-786
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 679-786 aa (O00534) 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 von Willebrand factor A domain-containing protein 5A (VWA5A) fragment (residues 679-786), a stable and soluble protein unit derived from the human breast cancer suppressor candidate 1. This fragment is designed for structural and biochemical studies, supporting research into tumorigenesis mechanisms. The full-length VWA5A protein is implicated in tumorigenesis and may function as a tumor suppressor. Altered expression or disruption of its molecular pathway can directly contribute to or modify tumor development, highlighting its significance in cancer research. The subcellular localization of VWA5A is not specified in available data.