Recombinant SSX5 protein (His tag)

Catalog Number	549158
Species	Human
Expression System	E. coli
Accession	O60225
Molecular Weight	Predictes a molecular mass of 10.65 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 11 kDa band.

Product Information

Sequence Region	1-75
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 1-75 aa (O60225) 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 Protein SSX5 Fragment (1-75) is a high-quality, soluble protein fragment designed for structural and biochemical studies. This 75-amino acid fragment, derived from the full-length SSX5 protein, represents a stable and soluble unit ideal for investigating the transcriptional modulation functions of SSX5 in research applications. The full-length SSX5 protein, encoded by the SSX5 gene in Homo sapiens, is implicated as a modulator of transcription. This role suggests its potential involvement in regulating gene expression, which may have implications for cellular processes and disease mechanisms. The provided fragment (amino acids 1-75) was computationally selected to ensure stability and solubility, facilitating experimental analyses without the complexities of the full-length protein.