Recombinant SURF2 protein (His tag)

Catalog Number	550879
Synonyms	Surf-2
Species	Human
Expression System	E. coli
Accession	Q15527
Molecular Weight	Predictes a molecular mass of 22.21 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Product Information

Sequence Region	1-176
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 1-176 aa (Q15527) 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 Surfeit locus protein 2 (Surf-2) fragment (amino acids 1-176) is a high-purity, stable protein designed for structural and biochemical studies. This soluble fragment was computationally optimized to facilitate reliable experimental analysis of Surf-2 properties. Surfeit locus protein 2 (Surf-2) is encoded by the SURF2 gene in Homo sapiens and represents an important member of the surfeit gene cluster. While specific functional details and subcellular localization for Surf-2 are still under investigation, surfeit gene family proteins are known to play significant roles in various cellular processes. This recombinant fragment (residues 1-176) provides researchers with a valuable tool to explore Surf-2's structure-function relationships and biological significance.