Recombinant E41LA protein (His tag)

Catalog Number	550238
Synonyms	Erythrocyte membrane protein band 4.1-like 4A; Protein NBL4
Species	Human
Expression System	E. coli
Accession	Q9HCS5
Molecular Weight	Predictes a molecular mass of 43.17 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 43 kDa band.

Product Information

Sequence Region	1-356
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 1-356 aa (Q9HCS5) 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 Band 4.1-like protein 4A (EPB41L4A) fragment (residues 1-356) is a high-purity protein designed to encompass the complete FERM domain. This product serves as an essential tool for investigating domain-specific functions in cytoskeletal regulation and cellular structure studies. Band 4.1-like protein 4A, also known as Protein NBL4, is a human cytoskeletal protein localized to the cytoplasm and cytoskeleton. While detailed functional information is limited, proteins containing FERM domains typically function in linking the cytoskeleton to membrane proteins and participate in cell signaling, adhesion, and structural organization. The FERM domain (residues 11-299) contained within this recombinant fragment represents a critical functional module for studying these fundamental cellular processes.