

Recombinant Human SH3PXD2A Protein (902-986 aa), His-Myc-tagged

Cat. No. SH3PXD2A-2587H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SH3PXD2A Protein (902-986 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	902-986 aa
Description	Adapter protein involved in invadopodia and podosome formation, extracellular matrix degradation and invasiveness of some cancer cells. Binds matrix metalloproteinases (ADAMs), NADPH oxidases (NOXs) and phosphoinositides. Acts as an organizer protein that allows NOX1- or NOX3-dependent reactive oxygen species (ROS) generation and ROS localization. In association with ADAM12, mediates the neurotoxic effect of amyloid-beta peptide.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	14.0 kDa
AA Sequence	PDPGKELDTVPAKGRQNEGKSDSLEKIERRVQALNTVNQSKKATPPIPSKPPGGF GKTSGTPAVKMRNGVRQVAVRPQSVFVSP

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

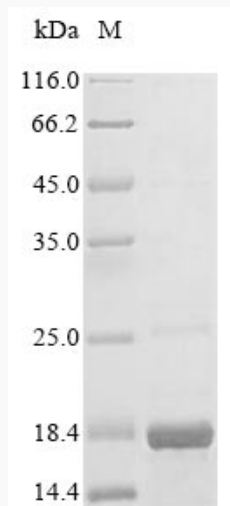
GENE INFORMATION

Gene Name	SH3PXD2A SH3 and PX domains 2A [Homo sapiens]
Official Symbol	SH3PXD2A
Synonyms	SH3PXD2A; SH3 and PX domains 2A; FISH; five SH3 domains; KIAA0418; adapter protein TKS5; TKS5; SH3MD1;
Gene ID	9644
mRNA Refseq	NM_014631
Protein Refseq	NP_055446
UniProt ID	Q5TCZ1

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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