

Proenkephalin-B/PDYN Recombinant Protein | PDYN recombinant protein

Recombinant Human Proenkephalin-B/PDYN Protein (C-His)

CATALOG # AAA22137	HOST Human Cells
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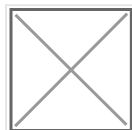
PRODUCT SYNONYMS

Proenkephalin-B/PDYN; Recombinant Human Proenkephalin-B/PDYN Protein (C-His); ADCA; PENKB; SCA23; PDYN; Dynorphin B; Big Dyn; PDYN recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>90% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 ?m filtered solution of 4mM HCl.
Sequence	Asp21-Ala2 54
Sequence Length	254
Species	Human
Endotoxin	< 1.0 EU per mug as determined by the LAL method.
Tag	C-His
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PDYN recombinant protein	Background: Proenkephalin-B(PDYN), belongs to the opioid neuropeptide precursor family. The N-terminal domain contains 6 conserved cysteines thought to be involved in disulfide bonding and/or processing. Leu-enkephalins, which is a type of Proenkephalin-B, compete with and mimic the effects of opiate drugs. They play a role in a number of physiologic functions, including pain perception and responses to stress. Dynorphin peptides differentially regulate the kappa opioid receptor. Dynorphin A has a typical opiod activity, it is 700 times more potent than Leu-enkephalin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	127976
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NCBI GeneID	5173
UniProt Accession #	P01213
Molecular Weight	Molecular Mass: 27.3kDa Actual Protein Molecular Mass: 35kDa
NCBI Official Full Name	Proenkephalin-B
NCBI Official Synonym Full Names	prodynorphin
NCBI Official Symbol	PDYN
NCBI Official Synonym Symbols	ADCA; PENKB; SCA23
NCBI Protein Information	proenkephalin-B
UniProt Protein Name	Proenkephalin-B
UniProt Gene Name	PDYN
UniProt Synonym Gene Names	Big Dyn; Dyn-A17; Dynorphin A; Dyn-B
UniProt Entry Name	PDYN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pdyn-recombinant-protein-human-cells/22137>