

## synthetic construction IA-2 Recombinant Protein

PX-P2076-10

### OVERVIEW

<b>SIZE</b>	10 ug
<b>ORIGIN SPECIES</b>	synthetic construction
<b>FRAGMENT</b>	
<b>PROTEIN DELIVERED WITH TAG</b>	Yes
<b>MOLECULAR WEIGHT WITH TAG IF ANY</b>	44.72kDa
<b>DELIVERY CONDITION</b>	The product is shipped at ambient temperature

### PRODUCT INFORMATION

<b>EXPRESSION SYSTEM</b>	Prokaryotic expression
<b>HOST</b>	E.coli
<b>PURITY</b>	95%
<b>PROTEIN ACCESSION</b>	AAP36361.1
<b>FORM</b>	Lyophilized
<b>BUFFER</b>	Tris-HC 50mM, NaCl 150mM, EDTA 1mM, DTT 1mM, pH 7
<b>STABILITY &amp; STORAGE</b>	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)

### More info

#### SPECIFICATION

##### GENE ID

SWISSPROTID

Q7KZS4

##### NCBI GENE ALIASES

##### UNIPROT ID

Q7KZS4

##### UNIPROT LINK

<http://www.uniprot.org/uni/prot/Q7KZS4>

#### SYNONYMS

IA-2, Protein-tyrosine-phosphatase

### PROTEIN SEQUENCE

MAHNHRHKHKLLLEVLFGPHARQQDKERLAALGPEGAHGDTTFEYQDLRCQHMATKSLFNRAEGPPEPSRVSSVSSQFSDAAQASPSHSSTPSWCCEPAQANM  
DISTGHMILAYMEDHLRNRDLAKEWQALCAYQAEPNTCATAQGEQGNKKNRHPDFLPYDHARIKLVESPSRSQDYINASPIIEHDPMPAYIATQGPLSHTIADF  
WQMVMWESGCTVIVMLTPLVEDGVKQCDRYWPDEGASLYHYVEVN