

## Human Trans-3-hydroxy-L-proline dehydratase Recombinant Protein

PX-P1134-10

### OVERVIEW

<b>SIZE</b>	10 ug
<b>ORIGIN SPECIES</b>	Human
<b>FRAGMENT</b>	Full*
<b>PROTEIN DELIVERED WITH TAG</b>	Yes
<b>MOLECULAR WEIGHT WITH TAG IF ANY</b>	40,05 kDa
<b>DELIVERY CONDITION</b>	Dry Ice

### PRODUCT INFORMATION

<b>EXPRESSION SYSTEM</b>	Prokaryotic expression
<b>HOST</b>	E.coli
<b>PURITY</b>	0,9
<b>PROTEIN ACCESSION</b>	NP_653182.1
<b>FORM</b>	liquid PBS, imidazole 300mM, pH7.4 if native conditions.
<b>BUFFER</b>	PBS, imidazole 10mM, Urea 8M if denaturing conditions 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)
<b>STABILITY &amp; STORAGE</b>	

### PROTEIN SEQUENCE

MAHNHRHKHKLDDDDKMEALAVPRLPPHDPGTPVLSVVDMHTGGEPLRIVLAGCPEVSGPTLLAKRRYMRQHLDHVRRL  
LMFEPRGHRDAMYGAVLVPSELDAHLGVLFLHNEGYSSMCGHAVLALGRFALDFGLVPAPPAGTREARVNIHCPCGLVTA  
FVACEDGRSHGPVRFHSVPAFVLATDLMVDVPGHGKVMVDIAYGGAFYAFVTAEKGLDICS AKTRDLVDAASAVTEAVK  
AQFKINHDPSEDLAFLYGTILTDGKDAYTKPTTNCVFADEQVDRSPTGSGVTARIALQYHKGLLELNQMRAFKSSATG  
SVFTGKAVREAKCGDFKAVIVEVSGAHYTGTA SFIIEDDDPLRDGFLK

### More info

#### SPECIFICATION

##### GENE ID

112849

##### SWISSPROTID

Q96EM0

##### NCBI GENE ALIASES

C14orf149

##### UNIPROT ID

Q96EM0

##### UNIPROT LINK

<http://www.uniprot.org/uni-prot/Q96EM0>

##### SYNONYMS

ORF149, trans-L-3-hydroxyproline dehydratase  
(Former Proline racemase)