

Marinobacter MARHY0478 Recombinant Protein

PX-P1123-10

DESCRIPTION

The Marinobacter MARHY0478 recombinant protein has a conserved domain associated to the family of the outer membrane transporters of HOCs whose longchain fatty acid transporter FadL is the archetype. It is a putative hydrophobic compounds transporter. It plays also a main role in the adaptation of HCB (marine hydrocarbonoclastic bacteria) to use alkanes as carbon and energy sources.

OVERVIEW

SIZE	10 ug
ORIGIN SPECIES	Marinobacter
FRAGMENT	Partial (no SLP)
PROTEIN DELIVERED WITH TAG	Yes
MOLECULAR WEIGHT WITH TAG IF ANY	46,10 kDa
DELIVERY CONDITION	Dry Ice

PRODUCT INFORMATION

EXPRESSION SYSTEM	Prokaryotic expression
HOST	E.coli
PURITY	0,9
PROTEIN ACCESSION	H8WEC1
FORM	liquid
BUFFER	PBS pH 7.4 with imidazole 250mM and Urea 4M
STABILITY & STORAGE	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

GENE ID	12921111
SWISSPROTID	H8WEC1
UNIPROT ID	H8WEC1
UNIPROT LINK	http://www.uniprot.org/uniprot/H8WEC1
NCBI GENE ALIASES	
SYNONYMS	MARHY0478, long-chain fatty acid transporter, Putative hydrophobic compounds transporter

PROTEIN SEQUENCE

MAHNHRHKHKLMGNLGTSYGVMPVDVATAQSLSMFNEQVSATYYNPAALTKDPRGELTAGILHSEQELRSDNPNASGDIV
SDSPSQHVLIQMKTNLGSLTRFGHPHYLGFAGVEKYGKEMLAFSSETSESGQLQYGKEPLFLNIGGATPIWRGISAGA
SVRVTL EATANLDAVSTLGGETSRERLAVNAEPSLKITLGTNIDLGSTFCPESDCFLNGWETALTYRTKSSASTTVDSNI
IVTQTIPDPGLS

For research use only.