

Discosoma Plum Recombinant Protein

PX-P1143-10

DESCRIPTION

Far-red fluorescent protein that avoid the natural green autofluorescence found in plants and animals, and are preferred for in vivo imaging.

OVERVIEW

SIZE	10 ug
ORIGIN SPECIES	Discosoma
FRAGMENT	Full
PROTEIN DELIVERED WITH TAG	Yes
MOLECULAR WEIGHT WITH TAG IF ANY	26,93 kDa
DELIVERY CONDITION	Dry Ice

PRODUCT INFORMATION

EXPRESSION SYSTEM	Prokaryotic expression
HOST	E.coli
PURITY	>95%
PROTEIN ACCESSION	AAV65487.1
FORM	liquid
BUFFER	PBS, imidazole 200mM
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

SWISSPROTID

Q5S3G7

UNIPROT ID

Q5S3G7

UNIPROT LINK

<http://www.uniprot.org/uniprot/Q5S3G7>

NCBI GENE ALIASES

SYNONYMS

Plum, Fluorescent protein plum

PROTEIN SEQUENCE

MAHNHRHKHKLMVSKGEEVIKEFMRFKEHMEGSVNGHEFEIEGEGEGRPYEGTQTARLKVTKGGPLPFAWDILSPQIMYG
SKAYVKHPADIPDYLKLSFPEGFKWERVMNFEDGGVVTVTQDSSLQDGEFIYKVKVRGTNFPDGPVMQKKTMGWEASSE
RMYPEDGALKGEMKMRLRLKDGGHYDAEVKTTYMAKKPVQLPGAYKTDIKLDITSHNEDYTIVEQYERAEGRHSTGA

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