

Product Datasheet

Recombinant *Lactococcus lactis* subsp. *lactis* Nisin transport ATP-binding protein NisT(nisT) (orb2913592)

Catalog Number	orb2913592
Category	Proteins
Description	This Recombinant <i>Lactococcus lactis</i> subsp. <i>lactis</i> Nisin transport ATP-binding protein NisT(nisT) spans the amino acid sequence from region 1-600.
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Protein Sequence	MDEVKEFTSKQFFYLLTLPSTLKLIFQLEKRYAIYLIVLNAITAFVPLASLFIYQDLIN SVLGSGRHLINIIIIYFIVQVITTVLGQLESYVSGKFDMRLSYSINMRLMRTTSSLELSD YEQADMYNIIIEKVTQDSTYKPFQLFNAIIVELSSFISLLSFFIGTWNIGVAILLIIVP VLSLVFLRVGQLEFLIQWQRASSERETWYIVYLLTHDFSFKKIKLNNISNYFIHKFGKL KKGFINQDLAIARKKTYFNIFLDFILNINILTIFAMILSVRAGKLLIGNLVSLIQAISK INTYSQTMIQNIYIYNTSLFMEQLFEFLKRESVHKKIEDTEICNQHIGTVKVINLSYV YPNSNAFALKNINLSFEKGELTAIVGKNGSGKSTLVKIISGLYQPTMGIIQYDKMRSSLM PEEFYQKNISVLFQDFVKYELTIRENIGLSDLSSQWEDEKIIKVLNGLGLDFLKTNNQYV LDTQLGNWFQEGHQLSGGQWQKIALARTFFKKASIYILDEPSAALDPVAEKEIFDYFVAL SENNISIFISHSLNAARKANKIVVMKDGQVEDVGSVDVLLRRCQYYQELYSEQYEDNDE
Protein Length	full length protein
UniProt ID	Q03203

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Biological Origin	Lactococcus lactis subsp. lactis (Streptococcus lactis)
Expression Region	1-600
Storage	Storage Condition: Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles. Shelf Life: The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week
Note	For research use only
Expiration Date	6 months from date of receipt.

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