
Product Data Sheet

Product Name: SAE1/SAE2 Human
Cat. No.: GP26180
Batch No.: 1

Product Data

Purity	>98%	Source	Sf9 insect cells.
Physical Appearance	solid	Shipping Condition	withIcePacks
Formulation	SAE1/SAE2 is supplied in 20mM HEPES buffer pH-7.5, 400mM NaCl and 20% glycerol.		

Introduction

SAE1 and SAE2 form heterodimers which take part in the posttranslational modification of proteins (sumoylation). This process regulates protein structure as well as intracellular localization of the target. SAE1/SAE2 may indicate on dermatomyositis (DM) as autoantibodies against those 2 proteins have been found in patients.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Background

SAE1/SAE2 Human Recombinant produced in SF9 is glycosylated, polypeptide chain containing 2 subunits (SAE1 subunit molecular mass is 39kDa & SAE2 subunit molecular mass is 73kDa). The subunits associate to form a complex. The SAE1/SAE2 is expressed with a -10xHis tag and purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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