

Staphylokinase Reference standard

Cat. No. SAK-140 Lot. No. (See product label)

SPECIFICATION

Product Overview	This preparation is intended for use as a standard in plasminogen activation assays designed to measure the potency of staphylokinase solutions.
Enzyme Unit	Each ampoule contains 1.0 unit of recombinant Staphylokinase (STAR). The assigned content was valid at the time of manufacture-no information available on long term stability.
Usage	No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution. The total contents of the ampoule should be reconstituted with 1.0ml distilled water and dissolved gently by swirling to avoid froth. The reconstituted reagent should be used as soon as possible after reconstitution
Notes	This preparation is not for administration to humans. The preparation contains material of human origin, and either the final product or the source materials, from which it is derived, have been tested and found negative for HBsAg, anti-HIV and HCV RNA. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.
Stability	Reference materials are held at Creative Biomart within assured, temperature-controlled storage facilities. Reference Materials should be stored on receipt as indicated on the label. Following ampouling by procedures outlined by Campbell

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

(1974) the stability was established by assaying the contents of ampoules stored at elevated temperatures (Jerne & Perry, 1956). It was observed that the reagent was stable for 18 months at 37°C using a modified clot lysis assay (Heath & Gaffney, 1990).

Storage

Unopened ampoules should be stored in the dark at or below –20°C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

GENE INFORMATION

Gene Name

SAK Sak kinase [*Drosophila melanogaster*];

Official Symbol

SAK

Synonyms

SAK; Sak kinase; CG7186 gene product from transcript CG7186-RA; CG7186-PA; SAK-PA; CG7186; Dmel\CG7186; plk4; PLK4; sak; Sak; SAK/PLK;

Gene ID

40384

mRNA Refseq

NM_141067

Protein Refseq

NP_649324

Chromosome

78D4-78D4

Location
Function

ATP binding; protein kinase activity; protein serine/threonine kinase activity; protein tyrosine kinase activity;

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