

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

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(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 [<i>Drosophila melanogaster</i>];
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 Location	78D4-78D4
Function	ATP binding; protein kinase activity; protein serine/threonine kinase activity; protein tyrosine kinase activity;

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