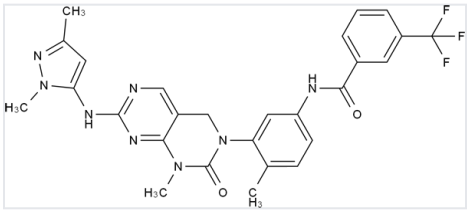
SC1 (Pluripotin)

PRODUCT OVERVIEW

Product Name	SC1, Biochemical
Full Product Name	SC1
Product Synonym Names	Pluripotin
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	550.53
Suitability	Ethanol: <1mg/mL DMSO: 100mg/mL (181.64mM) Water: <1mg/mL
Target	ERK
Receptor	ERK1; RasGAP
Chemical Name	N-[3-[7-(2, 5-Dimethyl-2H-pyrazol-3-ylamino)-1-methyl-2-oxo-1, 4-dihydro-2H-pyrimido[4, 5-d]pyrimidin-3-yl]-4-methylphenyl]-3-trifluoromethyl-benzamide
SMILES	O=C(NC1=CC=C(C)C(N2CC3=CN=C(NC4=CC(C)=NN4C)N=C3N(C)C2=O)=C1)C5=CC=CC(C(F)(F)F)=C5
Molecular Formula	C27H25F3N8O2
CAS Number	839707-37-8
Product Categories/Family for SC1 biochemical	MAPK/ERK Signaling; Cancer
Related Product Information for SC1 biochemical	Pluripotin (SC1) is a dual inhibitor of extracellular signal-regulated kinase 1 (ERK1, MAPK3) and RasGAP. Maintains embryonic stem cell (ESC) self-renewal.
Product References and Citations for SC1 biochemical	1. Chen S, et al. Proc natl Acad Sci U S A. 2006 Nov 14; 103 (46):17266-71.
Other Notes	Small volumes of SC1 biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SC1 purchase	MBS3606116 is a biochemical targeting SC1.



Structure of SC1 biochemical

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SC1. It may not necessarily be applicable to this product.

Protein Family	Fruiting body protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/biochemical/sc1/3606116