

SRPK2

Recombinant Human SRPK2 Active GST-His

Catalog No.	CRS023	Quantity:	50 µg
Alternate Names:	FLJ36101, SFRSK2, H_RG152G17.1a, H_RG152G17.1b, WUGSC:H_RG152G17.1a, serine kinase SRPK2		
Description:	Human SRPK2, Amino acids M ₁ -S ₆₈₈ (as in GenBank entry NM_3138)* N-terminally fused to GST-HIS ₆ -Thrombin cleavage site. *Sequence may contain documented polymorphisms Detailed amino acid sequence on request		
Concentration:	0.330 µg/µl		
Gene ID:	6733		
Protein Accession No:	NM_3138		
Source:	Baculovirus infected Sf9 cells		
Molecular Weight:	Theoretical MW _{Fusion Protein} : 107,422 Da		
Formulation:	50 mM Tris-HCl, pH 8.0; 100 mM NaCl, 5 mM DTT, 4 mM reduced glutathione, 20% glycerol		
Purification:	One-step affinity purification using GSH-agarose		
Product Identity:	SRPK2, was confirmed as SRPK2 by specific Western Blotting using anti SRPK2 antibody		
Specific Activity:	52 pmol/µg×min		

Method for determination of K_m value and specific activity:

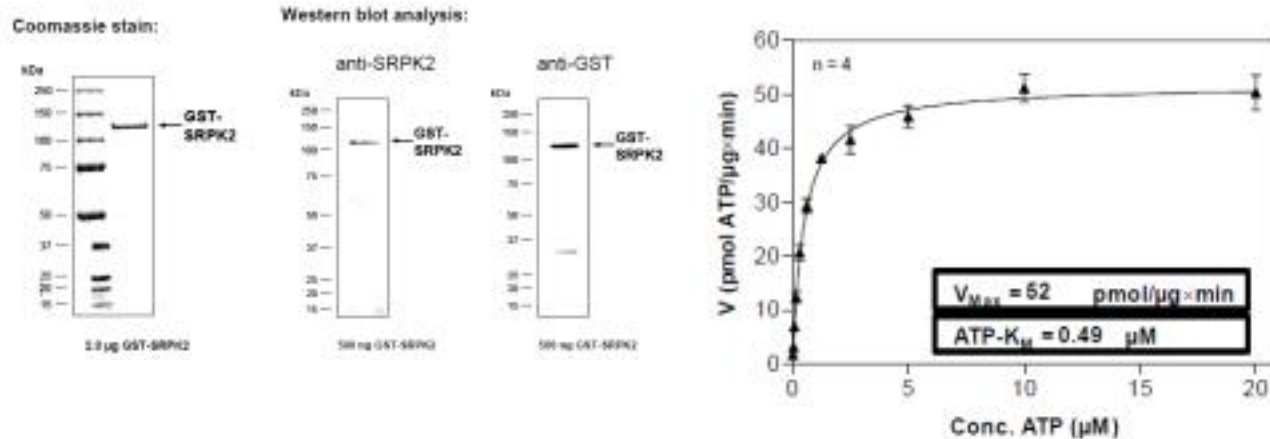
- Assay conditions:
60 mM HEPES-NaOH, pH 7.5
3 mM MgCl₂
3 mM MnCl₂
3 µM Na-orthovanadate
1.2 mM DTT
2.5 µg / 50 µl PEG_{20,000}
ATP (variable)
Substrate: RS-Peptide
(RSRSRSRSRSR), 2.0 µg / 50 µl
Recombinant SRPK2: 50 ng / 50 µl
- Filter binding assay
MSFC membrane (Millipore)



Storage & Stability:

Store in working aliquots at -80°C. **Avoid repeated freeze-thaw cycles.**

Determination of K_m value for ATP:



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