

SEZ6/BSRP-C Protein, Mouse (HEK293, His)

Cat. No.:	HY-P78037
Synonyms:	SEZ-6; SEZ6; BSRPC; BSRP-C
Species:	Mouse
Source:	HEK293
Accession:	Q7TSK2 (L20-H922)
Gene ID:	20370
Molecular Weight:	145-150 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background

The SEZ6/BSRP-C protein appears to have a significant role in cell-cell recognition and neuronal membrane signaling, suggesting its involvement in fundamental processes within neural networks. It seems to be particularly crucial in achieving a balance between dendrite elongation and branching during the intricate process of developing a complex dendritic arbor. The participation of SEZ6/BSRP-C in these events indicates its importance in shaping the structural intricacies of neurons. Moreover, its involvement in the development of appropriate excitatory synaptic connectivity highlights its potential role in establishing functional connections within neural circuits. Further exploration into the specific mechanisms underlying SEZ6/BSRP-C's influence on cell-cell recognition and dendritic arborization could provide valuable insights into its broader role in neural development and signaling.

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

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