Recombinant Breast Cancer Anti-Estrogen Resistance 3 (BCAR3)(N-GST-6His)

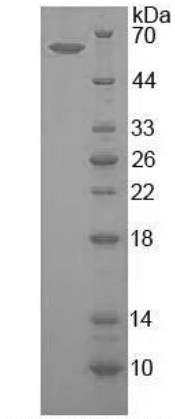
Catalog#:PEH23655

概述（Summary）

别称（Alternative Names）	NSP2; SH2D3B; Novel SH2-containing protein 2; SH2 domain-containing protein 3B
纯度（Purity）	Greater than 90% as determined by reducing SDS-PAGE.
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	6His-GST-【Asp548-Pro818】
Accession #	O75815
表达宿主（Host）	E.coli
种属（Species）	Homo sapiens (Human)
预测分子量（Predicted MW）	60.7 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
背景介绍（References）	Acts as an adapter protein downstream of several growth factor receptors to promote cell proliferation, migration, and redistribution of actin fibers. Specifically involved in INS/insulin signaling pathway by mediating MAPK1/ERK2-MAPK3/ERK1 activation and DNA synthesis. Promotes insulin-mediated membrane ruffling. In response to vasoconstrictor peptide EDN1, involved in the activation of RAP1 downstream of PTK2B via interaction with phosphorylated BCAR1. Inhibits cell migration and invasion via regulation of TGFB-mediated matrix digestion, actin filament rearrangement, and inhibition of invadopodia

activity. May inhibit TGFB-SMAD signaling, via facilitating BCAR1 and SMAD2 and/or SMAD3 interaction. Regulates EGF-induced DNA synthesis. Required for the maintenance of ocular lens morphology and structural integrity, potentially via regulation of focal adhesion complex signaling. Acts upstream of PTPRA to regulate the localization of BCAR1 and PTPRA to focal adhesions, via regulation of SRC-mediated phosphorylation of PTPRA. Positively regulates integrin-induced tyrosine phosphorylation of BCAR1. Acts as a guanine nucleotide exchange factor (GEF) for small GTPases RALA, RAP1A and RRAS. However, in a contrasting study, lacks GEF activity towards RAP1.

电泳图（SDS-PAGE image）



15% SDS-PAGE

Greater than 90% as determined by reducing SDS-PAGE.

注意事项（Note）

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