SignalChem
Specialists in Signaling Proteins
1-866-9 KINASE (54-6273)

Catalog #	Aliquot Size
F71-30BG-20	20 µg
F71-30BG-50	50 µg

FOXL2 Protein

Full-length human recombinant protein expressed in Sf9 cells

Catalog # F71-30BG
Lot # B2024-8

Product Description

Full-length recombinant human FOXL2 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_023067.

Gene Aliases

BPES; BPES1; PFRK; PINTO; POF3

Formulation

Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.

Storage and Stability

Store product at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

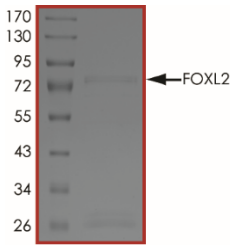
Scientific Background

Fork-head transcriptional factor forkhead box L2 (FOXL2) is a member of the large family of Forkhead Box (Fox) domain transcription factors. Plays a key role in sex differentiation and oogenesis. FOXL2 is involved in virtually all stages of ovarian development and function, as well as in granulosa cell (GC)-related pathologies. It maintains GC identity through the repression of testis-specific genes.

References

1. Baron D, et al: Foxl2 gene and the development of the ovary: a story about goat, mouse, fish and woman. Reprod Nutr Dev 45:377-382 (2005).
2. Georges A, et al: FOXL2: a central transcription factor of the ovary. J Mol Endocrinol. 2013 52(1):R17-33.

Purity



The purity of FOXL2 was determined to be **>70%** by densitometry.
Approx. MW **~73kDa**.

FOXL2 Protein

Full-length human recombinant protein expressed in Sf9 cells

Catalog #	F71-30BG
Lot #	B2024-8
Purity	>70%
Concentration	0.05 µg/µl
Stability	1yr at –70°C from date of shipment
Storage & Shipping	Store product at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. Product shipped on dry ice.

To place your order, please contact us by phone 1-(604)-232-4600, fax 1-604-232-4601 or by email: orders@signalchem.com
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