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32-6984: IP6K2 Human

Alternative Name : Inositol hexakisphosphate kinase 2 isoform a, IHPK2, PIUS, InsP6 kinase 2, P(i)-uptake stimulator, PiUS, IP6K2, TCCCIA00113.

Description

Source: E.coli.
Sterile Filtered colorless solution.
Inositol Hexakisphosphate Kinase 2 (IP6K2) which is a part of the inositol IPK family converts inositol hexakisphosphate to diphosphoinositol pentakisphosphate. IP6K2 also converts 1, 3, 4, 5, 6-pentakisphosphate (InsP5) to PP-InsP4. IP6K2 is a protein coding gene which suppresses the growth and affects the apoptotic activities of IFN-beta in several ovarian cancers.
IP6K2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 446 amino acids (1-426a.a) and having a molecular mass of 51.3kDa.IP6K2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	IP6K2 solution (0.5mg/ml) contains Tris-HCl buffer (pH 8.0) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSPAFRAMDV EPRAKGVLLE PFVHQVGGHS CVLRFNETTL CKPLVPREHQ FYETLPAEMR KFTPQYKGVV SVRFEEDEDR NLCLIAYPLK GDHGIVDIVD NSDCEPKSKL LRWTTNKKHH VLETEKTPKD WVRQHRKEEK MKSHKLEEEF EWLKKSEVLY YTVEKKGNIS SQLKHYNPWS MKCHQQQLQR MKENAKHRNQ YKFILLENLT SRYEVPCVLD LKMGTRQHGD DASEEKAANQ IRKCQQSTSA VIGVRVCGMQ VYQAGSGQLM FMNKYHGRKL SVQGFKEALF QFFHNGRYLR RELLGPVLKK LTELKAVLER QESYRFYSSS LLVIYDGKER PEVVLDSDAE DLEDLSEESA DESAGAYAYK PIGASSVDVR MIDFAHTTCR LYGEDTVVHE GQDAGYIFGL QSLIDIVTEI SEESGE.

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