Recombinant Human LRRC3B, His-tagged

Cat. No. LRRC3B-129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Leucine-Rich Repeat-Containing Protein 3B/LRRC3B is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Cys34-Tyr204) of Human LRRC3B fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	34-204 a.a.
Description	Leucine-Rich Repeat-Containing Protein 3B (LRRC3B) belongs to the LRRC3 family. LRRC3B is single-pass membrane protein and contains three leucine-rich repeats, one LRRCT domain, and one LRRNT domain. LRR-containing proteins, of which there are greater than 2,000, participate in many important processes, including plant and animal immunity, hormone-receptor interactions, cell adhesion, signal transduction, regulation of gene expression, and apoptosis. A number of microarray expression profiling studies on human cancers have shown that LRRC3B is down-regulated in gastric, breast, colon, testis, prostate and brain cancers, suggesting LRRC3B involvement in carcinogenesis
AA Sequence	CPKGCLCSSSGGLNVTCSNANLKEIPRDLPPETVLLYLDSNQITSIPNEIFKDLHQLRV LNLSKN GIEFIDEHAFKGVAETLQTLDLSDNRIQSVHKNAFNNLKARARIANNPWHC DCTLQQVLRSMASN HETAHNVICKTSVLDEHAGRPFLNAANDADLCNLPKKTTDYV

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	DHHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by reducing SDS-PAGE.

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