

Product datasheet for **TP760620**

Integrin Linked Kinase (ILK) (NM_004517) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human integrin-linked kinase (ILK), transcript variant 1, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length ILK
Tag:	N-His
Predicted MW:	51.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004508
Locus ID:	3611
UniProt ID:	Q13418 , V9HWF0
RefSeq Size:	1843
Cytogenetics:	11p15.4
RefSeq ORF:	1356
Synonyms:	HEL-S-28; ILK-1; ILK-2; P59; p59ILK



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Summary:

This gene encodes a protein with a kinase-like domain and four ankyrin-like repeats. The encoded protein associates at the cell membrane with the cytoplasmic domain of beta integrins, where it regulates integrin-mediated signal transduction. Activity of this protein is important in the epithelial to mesenchymal transition, and over-expression of this gene is implicated in tumor growth and metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013]

Protein Families:

Druggable Genome, Protein Kinase

Protein Pathways:

Endometrial cancer, Focal adhesion, PPAR signaling pathway

Product images: