



SHANGHAI GENOMICS

Recombinant Human HIP2

rHuHIP2

Catalog number: SG3131-01

Specifications and Use

- Source** ● *Escherichia coli*.
- Molecular Mass** ● 23.4kDa
- Purity** ● $\geq 90\%$ as determined by SDS-PAGE and HPLC analyses.
- Formulation** ● 1 x PBS, 1 mM DTT and 10 % glycerol, pH7.4.
- Stability** ● Store at -80°C . Avoid repeated freeze-thaw cycles.
- Usage** ● FOR RESEARCH USE ONLY. NOT FOR HUMAN USE.

Human HIP2

Biochemically, HIP2 can catalyze the formation of K48-linked ubiquitin chains in the absence of an E3 ligase. This enzyme has a unique C-terminal UBA domain that plays a critical role in E1 selectivity and chain synthesis. Recently, HIP2 (or Ubch1) has been shown to bind to the N terminus of huntington and may play a role in Huntington disease.

Protein sequence:

MHHHHHHAMANI AVQRIKREFKEVLKSEETSKNQIKVDLVDENFTEL RGEIAGPPDTPYEGGRYQL
EIKIPETYPFNPPKVRFITKIWHPNISSVTGAICLDILKDQWAAAMTLRTVLLSLQALLAAEPDDPQD
AVVANQYKQNP EMFKQTARLWAHVYAGAPVSSPEYTKKIENLCAMGFDRNAVIVALSSKSWDVETA
TELLSN