

## Product datasheet for **TP762581**

### **HNF6 (ONECUT1) (NM\_004498) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human one cut homeobox 1 (ONECUT1), full length, with N-terminal GST and C-terminal His tag, expressed in E.coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding the region full length of ONECUT1
<b>Tag:</b>	N-GST and C-HIS
<b>Predicted MW:</b>	50.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_004489</a>
<b>Locus ID:</b>	3175
<b>UniProt ID:</b>	<a href="#">Q9UBC0</a>
<b>RefSeq Size:</b>	1925
<b>Cytogenetics:</b>	15q21.3
<b>RefSeq ORF:</b>	1395
<b>Synonyms:</b>	HNF-6; HNF6; HNF6A



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**Summary:**

This gene encodes a member of the Cut homeobox family of transcription factors. Expression of the encoded protein is enriched in the liver, where it stimulates transcription of liver-expressed genes, and antagonizes glucocorticoid-stimulated gene transcription. This gene may influence a variety of cellular processes including glucose metabolism, cell cycle regulation, and it may also be associated with cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]

**Protein Families:**

ES Cell Differentiation/IPS, Transcription Factors

**Protein Pathways:**

Maturity onset diabetes of the young

**Product images:**

Purified recombinant protein ONECUT1 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.