

Product datasheet for **TP761864**

GSH2 (GSX2) (NM_133267) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human GS homeobox 2 (GSX2), full length, with N-terminal GST and C-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 GSX2
Tag:	N-GST and C-His
Predicted MW:	59.9 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_573574
Locus ID:	170825
UniProt ID:	Q9BZM3 , B2LYG3
RefSeq Size:	1262
Cytogenetics:	4q12
RefSeq ORF:	912
Synonyms:	DMJDS2; GSH2



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Summary:

During telencephalic development, causes ventralization of pallial progenitors and, depending on the developmental stage, specifies different neuronal fates. At early stages, necessary and sufficient to correctly specify the ventral lateral ganglionic eminence (LGE) and its major derivatives, the striatal projection neurons. At later stages, may specify LGE progenitors toward dorsal LGE fates, including olfactory bulb interneurons (By similarity). Transcription factor that binds 5'-CNAATTAG-3' DNA sequence.[UniProtKB/Swiss-Prot Function]

Product images: