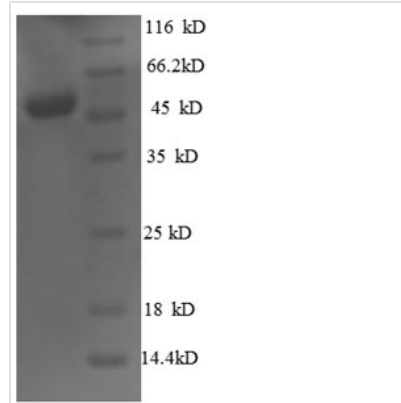




Recombinant Human Homeobox protein OTX2(OTX2)

Product Code	CSB-EP017299HU
Relevance	Probably plays a role in the development of the brain and the sense organs. Can bind to the BCD target sequence (BTS): 5'-TCTAATCCC-3'.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P32243
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Orthodenticle homolog 2
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MMSYLKQPPYAVNGLSLTTSGMDLLHPSVGYPGPWASCPAATPRKQRRERT TFTRAQLDVLEALFAKTRYPDIFMREEVALKINLPESRVQVWFKNRRRAKCRQQ QQQQQNGGQNKVRPAKKKTSPAREVSSSESGTSGQFTPPSSTSVPTIASSSAP VSIWSPASISPLSDPLSTSSSCMQRSYPMTYTQASGYSQGYAGSTSYFGGMD CGSYLTPMHHQLPGPGATLSPMGTNAVTSHLNQSPASLSTQGYGASSLGFNS TTDCLDYKDQTASWKLNFNADCLDYKDQTSSWKQVQL
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Gene Names	OTX2
Expression Region	1-297aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	48.4kDa
Protein Description	Full Length of Isoform 2
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.