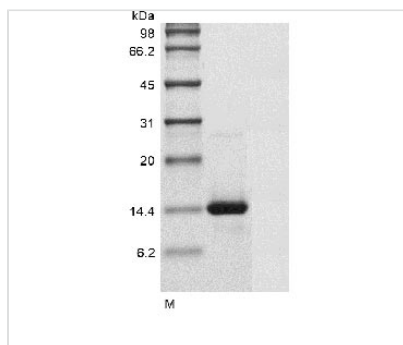




Recombinant Human Growth/differentiation factor 7 (GDF7)(Active)

Product Code	CSB-AP005961HU
Relevance	May play an active role in the motor area of the primate neocortex.
Abbreviation	Recombinant Human GDF7 protein (Active)
Uniprot No.	Q7Z4P5
Storage Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA.
Product Type	Growth Factors
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by inducing alkaline phosphatase production of murine ATDC5 cells is less than 1.0 µg/ml, corresponding to a specific activity of > 1000 IU/mg.
Purity	> 95 % as determined by SDS-PAGE
Sequence	TALAGTRTAQ GSGGGAGRGH GRRGRSRCSR KPLHVDFKEL GWDDWIIAPL DYEAYHCEGL CDFPLRSHLE PTNHAIQTL LNSMAPDAAP ASCCVPARLS PISILYIDAA NNVVYKQYED MVVEACGCR
Research Area	Signal Transduction
Source	E.Coli
Target Names	GDF7
Expression Region	322-450aa
Tag Info	Tag-Free
Mol. Weight	14.0 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	15815621

Image



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

Endotoxin

Less than 0.1 EU/ug as determined by LAL method.



Shelf Life

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.